



## Dr. MGR-JANAKI COLLEGE OF ARTS & SCIENCE FOR WOMEN

SATHYABAMA MGR MALIGAI  
11 & 13, Durgabai Deshmukh Road, RA Puram, Chennai - 28

An ISO 9001:2015 CERTIFIED INSTITUTION  
Affiliated to the University of Madras



## CRITERION 1



## CURRICULAR ASPECTS



**Dr. MGR-JANAKI COLLEGE  
OF ARTS & SCIENCE FOR WOMEN**

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## **CRITERION 1**

### **1.1: CURRICULAR PLANNING AND IMPLEMENTATION**

**1.1.1 INSTITUTION ENSURES EFFECTIVE  
CURRICULUM PLANNING AND DELIVERY  
THROUGH WELL PLANNED  
DOCUMENTED PROCESS**



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## **CRITERION 1**

### **1.1: CURRICULAR PLANNING AND IMPLEMENTATION**

#### **1.1.1 INSTITUTION ENSURES EFFECTIVE CURRICULUM PLANNING AND DELIVERY THROUGH WELL PLANNED DOCUMENTED PROCESS**

***2022 – 2023***

***LESSON PLAN***



**Dr. MGR-JANAKI COLLEGE  
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## Verified and Certified Documents

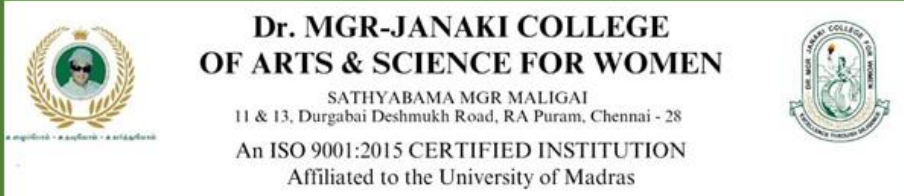
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*Principals*  
Principal

**PRINCIPAL  
DR. MGR JANAKI COLLEGE OF  
ARTS & SCIENCE FOR WOMEN  
CHENNAI - 600 028.**



**LESSON PLAN**  
**ODD & EVEN**  
**ACADEMIC YEAR 2022-2023**  
**B.Com. Accounting & Finance**



**Dr. MGR-JANAKI COLLEGE  
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**DEPARTMENT OF TAMIL -SHIFT I**

**LESSON PLAN**

**CLASS : I B.COM (A&F)**


**SUBJECT NAME: GENERAL TAMIL**

**STAFF NAME: Dr.VINIKUMAR.**

**SUBJECT CODE: LA12A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHOD OLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	செய்யுள்-நற்றிணை(87,88), குறுந்தொகை (46,88,89),கலித்தொகை(11), அகநானூறு (86),ஐங்குறுநூறு கிள்ளைப்பத்து, பரிபாடல் - செவ்வேள் 5, எட்டுத்தொகை -இலக்கிய வரலாறு	Assignment: எட்டுத்தொகை இலக்கிய வரலாறு	PPT/SEMINAR	KCSKNC TAMIL SURANGAm
II	18.01.23 to 31.01.23	புறநானூறு -182,192,பதிற்றுப்பத்து-56,57 பத்துப்பாட்டு -இலக்கிய வரலாறு,முல்லைப்பாட்டு முழுவதும்,	Test : IA – 1 Unit I and II	SEMINAR/ திருக்குறள்	Tamil literary Junction
III	01.02.23 to 17.02.23	பதினெண்கீழ்க்கணக்குநூல்கள்-இலக்கிய வரலாறு,திருக்குறள்- காலமறிதல்,,சுற்றந்தழால் கண்ணோட்டம்,	Assignment: பதினெண்கீழ்க்கணக்கு நூல்கள்	TEST	KCSKNC Tamil Surangam
IV	20.02.23 to 02.03.23	நாலடியார் -ஈகை, முச்சங்க வரலாறு	Test : IA – 2 Unit III and IV	TEST	Web Tamil Nanban
V	03.03.23 to 09.04.23	மொழிப்பயிற்சி -இலக்கணக் குறிப்பு,ஒற்று மிகும்,மிகா இடங்கள்	Assignment : இலக்கண குறிப்புகள்	PPT/SEMINAR	Web Tamil Nanban
	10.4.23 To 20.4.23	NIL	Model Exam		

  
SUBJECT INCHARGE SIGNATURE

  
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K. S. ANBUMATHI  
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DEPARTMENT OF COMMERCE  
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**DEPARTMENT OF HINDI  
LESSON PLAN – EVEN SEMESTER 2022 - 2023**

CLASS – I YEAR/ II SEMESTER

SUBJECT – HINDI/LE12A

STAFF NAME – Dr. RANJANA RAI

PAPER II ONE ACT PLAY, SHORT STORY AND TRANSLATION

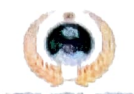
UNIT	DATE	TOPICS TO BE COVERED	Assignment	Seminar
I	22/12/22- 17/1/23	मुक्तिघन कहानी परिचय, लेखक परिचय, प्रश्नोत्तर, सारांश तथा संप्रसंग व्याख्या औरंगजेब की आखिरी रात एकांकीकार परिचय, पात्र परिचय, एकांकी तत्व के आधार पर एकांकी का विश्लेषण		
V	18/1/23 – 31/1/23	अनुवाद अभ्यास अंग्रेजी से हिन्दी – 1 से 10 तक	अनुवाद अभ्यास अंग्रेजी से हिन्दी	
II	20/3/23- 2/3/23	मिठाईवाला कहानी परिचय, लेखक परिचयप्रश्नोत्तर सारांश तथा संप्रसंग व्याख्या लक्ष्मी का स्वागत एकांकी का परिचय, चरित्र चित्रण, एकांकी तत्व के आधार पर समीक्षा		मुक्तिघन कहानी की समीक्षा कीजिए
III	3/3/23 – 9/4/23	सेब और देव कहानी का परिचय, पात्र परिचय, प्रश्नोत्तर, कहानी तत्व के आधार पर विश्लेषण विवेचन बसंत ऋतु का नाटक एकांकी का परिचय, एकांकी तत्व, चरित्र चित्रण		
VI	10/4/23 – 20/4/23	विवाह की तीन कथाएँ कहानी का परिचय, पात्र परिचय, प्रश्नोत्तर, कहानी तत्व के आधार पर विश्लेषण विवेचन बहुत बड़ा सवाल एकांकी, एकांकीकार परिचय, पात्र परिचय, एकांकी तत्व परिचय	बसंत ऋतु का नाटक एकांकी का सारांश	नाटक तत्वों के आधार पर लक्ष्मी का स्वागत नाटक की समीक्षा कीजिए
		पुनरावृत्ति		

for  
C. Nithya.



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**DEPARTMENT OF FRENCH – SHIFT I**

**LESSON PLAN**

**CLASS : I B.COM (A&F)**  
**STAFF NAME: Ms. Kameshwari K.V**

**SUBJECT NAME:FRENCH**  
**SUBJECT CODE: LK12A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	C'est où? Demander et indiquer une direction L'impératif, les nombres ordinaux , Ne...plus, ne...jamais, faire	Assignment L'article contra té, ne....plus, ne jamais	PPT/SEMINAR	
II	18.01.23 to 31.01.23	N'oubliez pas!  Quelque chose, rien, quelqu'un, personne, il faut, devoir, qui, que, où, me, te, lui, leur....	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE	<a href="https://www.urbanpro.com/french">https://www.urbanpro.com/french</a>
III	01.02.23 to 17.02.23	Belle vue sur la mer! Le genre des noms de pays, tout .... tous, Y le pronom complément, l'adjectif démonstratif	Assignment : Il faut, devours, qui que où	TEST	
IV	20.02.23 to 02.03.23	Quel beau Voyage! Décrire les étapes d'une action Exprimer l'intensité et la quantité Interroger	Test : IA – 2 Unit III and IV	TEST	
V	03.03.23 to 09.04.23	Oh joli! Décrire quel qu'un, Comparer, Exprimer d'accord ou le désaccord, Se situer dans le temps  Et Après? Comprendre d'une carte d'anniversaire, futur simple, Subjonctif	Assignment : L'imparfait passé composé, la description d'une personne	PPT/SEMINAR	<a href="http://www.urbanpro.com/french">http://www.urbanpro.com/french</a>
	10.4.23 To 20.4.23	Révision	Model Exam		

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**DEPARTMENT OF ENGLISH - SHIFT I**

**LESSON PLAN**

**CLASS : I B.Com(A & F)**

**SUBJECT: COMMUNICATIVE ENGLISH**

**STAFF NAME: Ms. THASNEEM**

**SUBJECT CODE: LZ12A**


UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	1. Listening and Speaking a. Listening and responding to complaints (formal situation) b. Listening to problems and offering solutions (informal) 2. Reading and writing a. Reading aloud (brief motivational anecdotes) b. Writing a paragraph on a proverbial expression/motivational idea. 3. Word Power/Vocabulary a. Synonyms & Antonyms 4. Grammar in Context • Adverbs Prepositions	Assignment: Vocabulary	PPT/SEMINAR	
II	18.01.23 to 31.01.23	1. Listening and Speaking a. Listening to famous speeches and poems b. Making short speeches- Formal: welcome speech and vote of thanks. Informal occasions- Farewell party, graduation speech 2. Reading and Writing a. Writing opinion pieces (could be on travel, food, film / book reviews or on any contemporary topic) b. Reading poetry b.i. Reading aloud: (Intonation and Voice Modulation) b.ii. Identifying and using figures of speech - simile, metaphor, personification etc. 3. Word Power a. Idioms & Phrases 4. Grammar in Context Conjunctions and Interjections	Test : IA – 1 Unit I and II	TEST	

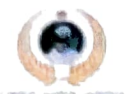
UNIT	DATE	TOPIC	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
III	01.02.23 to 17.02.23	1. Listening and Speaking a. Listening to Ted talks b. Making short presentations – Formal presentation with PPT, analytical presentation of graphs and 3 reports of multiple kinds c. Interactions during and after the presentations 2. Reading and writing a. Writing emails of complaint b. Reading aloud famous speeches 3. Word Power a. One Word Substitution 4. Grammar in Context: Sentence Patterns	Assignment : Script for Interview ..	SEMINAR	
IV	20.02.23 to 02.03.23	1. Listening and Speaking a. Participating in a meeting: face to face and online b. Listening with courtesy and adding ideas and giving opinions during the meeting and making concluding remarks. 2. Reading and Writing a. Reading visual texts – advertisements b. Preparing first drafts of short assignments 3. Word Power a. Denotation and Connotation 4. Grammar in Context: Sentence Types	Test : IA – 2 Unit III and IV	TEST	
V	03.03.23 to 09.04.23	b. Readers' Theatre (Script Reading) c. Dramatizing everyday situations/social issues through skits. (writing scripts and performing) 3. Word Power a. Collocation 4. Grammar in Context: Working With Clauses	Assignment : Grammar	PPT/SEMINAR	
	10.4.23 To 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : I B.Com(A & F)**

**SUBJECT: ADVANCED FINANCIAL ACCOUNTING**

**STAFF NAME: Ms. K.S.PAVITHRA**

**SUBJECT CODE: CZ22A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	Dependent Branches - Stock and Debtors system – Distinction between Wholesale Profit and Retail Profit- Independent Branches (Foreign Branches excluded)	Assignment: Problems on stock and debtors system.	PPT/SEMINAR	<a href="http://www.accountingcoach.com">www.accountingcoach.com</a>
II	18.01.23 to 31.01.23	Basis of Allocation of Expenses – Calculation of Profit . Inter-departmental Transfer at cost or Selling Price.	Test : IA – 1 Unit I and II	TEST	<a href="http://www.accountingstudyguide.com">www.accountingstudyguide.com</a>
III	01.02.23 to 17.02.23	Admission of a Partner – Retirement of a Partner- Death of a Partner.	Assignment : Problem on death of a partner.	SEMINAR	<a href="http://www.futureaccountant.com">www.futureaccountant.com</a>
IV	20.02.23 to 02.03.23	Dissolution of a Partnership Firm – Insolvency of a Partner – Insolvency of all Partners- Piecemeal Distribution of cash in case of Liquidation of Partnership Firm.	Test : IA – 2 Unit III and IV	TEST	<a href="http://www.onlinelibrary.wiley.com">www.onlinelibrary.wiley.com</a>
V	03.03.23 to 09.04.23	Objectives and uses of financial statement Development of accounting standards in India - Requirements of international accounting standards - Role of developing IFRS. Ind AS- Difference between Ind AS and IFRS.	Assignment : Indian Accounting Standards	PPT/SEMINAR	<a href="http://www.slideshare.net/abhirajisingh67/international-financial-reporting-standards-ifs-250953124">http://www.slideshare.net/abhirajisingh67/international-financial-reporting-standards-ifs-250953124</a>
	10.4.23 To 20.4.23	NIL	Model Exam		



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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

CLASS : I B.Com(A&F)

SUBJECT: PRINCIPLES OF MANAGEMENT

STAFF NAME: Dr.C.NITHYA

SUBJECT CODE: CZ22B

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	Importance, Nature and Scope of Management – Process of Management - Role and functions of Managers- Levels of Management Scientific Management Contributions to Management by different Schools of thought	Assignment: Scientific management	PPT/SEMINAR	<a href="http://www.wisdomjobs.com">www.wisdomjobs.com</a>
II	18.01.23 to 31.01.23	Nature –importance -Types of Planning - Steps in planning - Objectives of Planning . Policies -Decision making Process-Types of Decisions. HRM.	Test : IA – 1 Unit I and II	TEST	<a href="http://www.coursehero.com">http://www.coursehero.com</a>
III	01.02.23 to 17.02.23	Meanings-types of organization— Formal and Informal organization. Organisation Structure – Span of Control – Departmentalisation Basis - Meaning and Importance of Departmentalisation- Policies - Forecasting.	Assignment : span of control.	SEMINAR/ DEBATE	<a href="http://www.aima.in">www.aima.in</a>
IV	20.02.23 to 02.03.23	Authority – Difference between Authority and Responsibility .Delegation of Authority. Centralisation Vs Decentralisation- Leadership & Communication.	Test : IA – 2 Unit III and IV	TEST	<a href="http://www.businessmanagementideas.com/notes/management-notes/coordination/21392">http://www.businessmanagementideas.com/notes/management-notes/coordination/21392</a>
V	03.03.23 to 09.04.23	Direction – Nature - Purpose. Co-ordination- Need – Types and Techniques – Requisites for Excellent Co-ordination. Controlling – Meaning – Importance – Control Process	Assignment : Control Process	PPT/SEMINAR	<a href="http://www.clep.collegeboard.org">www.clep.collegeboard.org</a>
	10.4.23 To 20.4.23	NIL	Model Exam		

*C. Nithya*  
SUBJECT INCHARGE SIGNATURE

*K. Banumathy*  
HEAD OF THE DEPARTMENT



**K. BANUMATHY**  
HEAD  
DEPARTMENT OF COMMERCE  
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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : I B.Com(A&F)**

**SUBJECT: FINANCIAL ANALYTICS AND CONTROL**

**STAFF NAME: Ms. A.NIVEDHA**

**SUBJECT CODE: CA32B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	Accounting information systems - Enterprise resource planning systems. - Data policies and procedures- Controls against security breaches.	Assignment: Data Policies and procedure .	PPT/SEMINAR	<a href="https://www.slideshare.net/RejaulIslam/financial-analysis-and-control-final">https://www.slideshare.net/RejaulIslam/financial-analysis-and-control-final</a>
II	18.01.23 to 31.01.23	Systems Development Life Cycle — Process automation - Innovative applications - Business intelligence- Data mining - Analytic tools - Data visualization	Test : IA – 1 Unit I and II	TEST	<a href="https://www.slideshare.net/johnobote/tools-of-financial-analysis-and-control">https://www.slideshare.net/johnobote/tools-of-financial-analysis-and-control</a>
III	01.02.23 to 17.02.23	Cost behaviour and cost objects - Actual and normal costs - Standard costs - Absorption (full) - Variable (direct) costing - Job order costing – Life-cycle	Assignment : Job order costing	SEMINAR/ DEBATE	<a href="https://www.slideshare.net/adugo/finance-analytics">https://www.slideshare.net/adugo/finance-analytics</a>
III&IV	20.02.23 to 02.03.23	Costing - Fixed and variable overhead expenses - Plant. Lean manufacturing - Enterprise resource planning (ERP)- Value chain analysis - Value-added concepts - process analysis - Activity-based management – continuous improvement concepts-best practice analysis –cost equality analysis.	Test : IA – 2 Unit III and IV	TEST	<a href="https://www.slideshare.net/priyanka490/072/financial-analyticspdf">https://www.slideshare.net/priyanka490/072/financial-analyticspdf</a>
V	03.03.23 to 09.04.23	Internal control structure and management philosophy Internal control policies for safeguarding and assurance - Internal control risk - Corporate governance – External audit Requirements –system control and security measures.	Assignment : Internal control system.	PPT/SEMINAR	<a href="https://www.slideshare.net/shwetagupta/796/financial-analysis-27714089">https://www.slideshare.net/shwetagupta/796/financial-analysis-27714089</a>
	10.4.23 To 20.4.23	NIL	Model Exam		

*A. Nivedha*

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : I B.Com(A&F)**

**SUBJECT: PROFESSIONAL ENGLISH FOR COMMERCE AND MANAGEMENT II**

**STAFF NAME: Ms.K.S.PAVITHRA**

**SUBJECT CODE: PZICB**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	COMMUNICATION:Listening: Listening to audio text and answering questions - Listening to Instructions Speaking: Pair work and small group work. Reading: Comprehension passages Differentiate between facts and opinion Writing: Developing a story with pictures. Vocabulary: Register specific Incorporated into the LSRW tasks.	Assignment: Developing a story with picture.	PPT/SEMINAR	<a href="https://www.bdu.ac.in">https://www.bdu.ac.in</a>
II	18.01.23 to 31.01.23	DESCRIPTION Listening: Listening to process description.- Drawing a flow chart. Speaking: Roleplay (formal context) Reading Skimming/Scanning,Reading passages on products, equipment and gadgets.-.	Test : IA – 1 Unit I and II	TEST	<a href="https://mkuniversity.ac.in">https://mkuniversity.ac.in</a>
III	01.02.23 to 17.02.23	Writing: Process Description –Compare and Contrast Paragraph-Sentence Definition and Extended definition- Free Writing. Vocabulary: Registerspecific-Incorporated into the LSRW tasks.NEGOTIATION STRATEGIES Listening: Listening to interviews ofspecialists / Inventors in fields (Subject specific) Speaking: Brainstorming.(Mind mapping). Small group discussions (Subject- Specific)	Assignment Mind mapping	SEMINAR	<a href="https://www.studyportal.com">https://www.studyportal.com</a>
IV	20.02.23 to 02.03.23	Reading: Longer Reading text. Writing: Essay Writing(250 words) Vocabulary:Register specific - Incorporated into the LSRW tasks-PRESENTATION SKILLS Listening: Listening to lectures. Speaking: Short talks. Reading: Reading Comprehensionpassages Writing: Writing Recommendations Interpreting Visuals inputs Vocabulary: Register specific - Incorporated into the LSRW tasks	Test : IA – 2 Unit III and IV	TEST	<a href="https://www.motherterasawomenuniv.ac.in">https://www.motherterasawomenuniv.ac.in</a>
V	03.03.23 to 09.04.23	CRITICAL THINKING SKILLS Listening: Listening comprehension- Listening for information. Speaking:Making presentations (with PPT- practice). Reading:Comprehension passages –Note making. Comprehension: Motivational article on Professional Competence, Professional Ethics and Life Skills) Writing: Problem and Solution essay– Creative writing– Summary writing Vocabulary:Register specific - Incorporated into the LSRW tasks	Assignment : Reading Comprehension	PPT/SEMINAR	<a href="https://www.bdu.ac.in">https://www.bdu.ac.in</a>
	10.4.23 To 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : I B.Com(A&F)**

**SUBJECT: NME- BASICS OF BUSINESS INSURANCE**

**STAFF NAME: Ms.ASMA FATHIMA**

**SUBJECT CODE: CC5AB**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	Introduction to Insurance – Type of Insurance – Principles of Insurance.	Assignment: Principles of Insurance.	PPT/SEMINAR	<a href="https://nsdl.co.in">https://nsdl.co.in</a>
II	18.01.23 to 31.01.23	Salient features of IRDA Act – Administration of IRDA Act – Regulatory measures of IRDA- Administration of IRDA Act – Regulatory measures of IRDA.	Test : IA – 1 Unit I and II	TEST	<a href="https://www.ocado.org">https://www.ocado.org</a>
III	01.02.23 to 17.02.23	Life insurance products – Term, Whole life, Endowment.	Assignment : Life Insurance Products	SEMINAR	<a href="https://www.ccbfnational.com">https://www.ccbfnational.com</a>
IV	20.02.23 to 02.03.23	Introduction to general Insurance -Fire, marine and motor insurance.	Test : IA – 2 Unit III and IV	TEST	<a href="https://www.academia.edu">https://www.academia.edu</a>
V	03.03.23 to 09.04.23	Government and insurance companies – LIC India-private players in Insurance in India.	Assignment : Insurance Companies	PPT/SEMINAR	<a href="https://www.scribd.com">https://www.scribd.com</a>
	10.4.23 To 20.4.23	NIL	Model Exam		

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*M.S. Asma Fathima*



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**DEPARTMENT OF COMMERCE (ACCOUNTING AND FINANCE) SHIFT I**

**LESSON PLAN**

**CLASS: II B.COM A&F**

**SUBJECT NAME: ADVANCED CORPORATE ACCOUNTING**

**STAFF NAME: Dr.C.NITHYA**

**SUBJECT CODE: CZ24A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 23.12.22	Meaning - Alteration of share capital - Accounting Procedures.	Assignment: Subscribed Capital	PPT/SEMINAR	<a href="http://www.accountingcoach.com">www.accountingcoach.com</a>
II	02.01.23 to 17.01.23	Meaning- Amalgamation in the nature of Merger, Purchase - External Reconstruction – Applicability of AS 14- Calculation of Purchase consideration (all methods) .	Assignment: Amalgamation, Absorption & External Reconstruction, Liquidation	SEMINAR/ DEBATE/ CASE STUDY	<a href="http://www.accountingstudyguide.com">www.accountingstudyguide.com</a>
II	18.01.23 to 31.01.23	Journal Entries in the books of Transferor a (excluding inter- company holdings)and Transferee Companies, Revised Balance sheet.	Test : IA – 1 Unit I & II	TEST	<a href="https://blog.ipleader.in/transferor-company-and-transferee-company/">https://blog.ipleader.in/transferor-company-and-transferee-company/</a>
III	01.02.23 to 17.02.23	Meaning – Preparation of Liquidator’s Final Statement of Accounts – Calculation of Liquidator Remuneration	Assignment: Calculation of Liquidator Remuneration	SEMINAR	<a href="http://www.futureaccountant.com">www.futureaccountant.com</a>
IV	20.02.23 to 02.03.23	Holding Company –Subsidiary company - Meaning – Preparation of Consolidated Final Statement of Accounts	Test : IA – 2 Unit III & IV	PPT	<a href="http://www.education.svtu.in">www.education.svtu.in</a>
V	03.03.23 to 06.04.23	Bank accounts - Concept of Non-Performing Assets (NPA)-Preparation of Profit and Loss Account - Asset classification - Preparation of Balance Sheet.	Assignment : Asset Classification	DEBATE/ CASE STUDY	<a href="#">Bank accounts   PPT (slideshare.net)</a>
	10.04.23 to 20.04.23	NIL	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING AND FINANCE) SHIFT I**

**LESSON PLAN**

**CLASS: II B.COM A&F**

**SUBJECT NAME: CORPORATE & BUSINESS LAW**

**STAFFNAME: Ms.K.S.PAVITHRA**

**SUBJECT CODE: CA24A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 23.12.22	Indian Contract Act Formation - Nature and Elements of Contract - Classification of Contract - Contract Vs Agreement	Assignment: Elements of Contract, Contracts without Consideration.	PPT/SEMINAR	<a href="http://www.cramerz.com">www.cramerz.com</a> <a href="http://www.digitalbusinesslawgroup.com">www.digitalbusinesslawgroup.com</a>
II	02.01.23 to 17.01.23	Offer - Definition - Forms of offer - Requirements of Valid Offer. Acceptance - Meaning - Legal Rules as to a valid acceptance.	Assignment: Offer	SEMINAR/ DEBATE/ CASE STUDY	<a href="http://swcu.libguides.com/buslaw">http://swcu.libguides.com/buslaw</a>
II	18.01.23 to 31.01.23	Consideration - Definition - Essentials - Legal Rules relating to consideration - Contracts without consideration	Test : IA – 1 Unit I & II	TEST	<a href="http://legaldictionary.net">Consideration - Definition, Examples, Types, in Contract Law (legaldictionary.net)</a>
III	01.02.23 to 17.02.23	Capacity of parties. Definition - Persons Competent to contract. Free consent - Coercion - Undue Influence - Fraud — Misrepresentation — Mistake. Legality of object — void agreement - Unlawful agreements - performance of contracts	Assignment : Void Agreement	SEMINAR	<a href="http://libguides.slu.edu/businesslaw">http://libguides.slu.edu/businesslaw</a>
IV	20.02.23 to 02.03.23	Company - Definition - Characteristics - Lifting of corporate veil - Advantages of Incorporation - Company Law Administration - NCLT & NCLAT - Classification of companies Formation of a Company - Memorandum and Articles of Association	Test : IA – 2 Unit III & IV	PPT	<a href="http://www.stepsinformation.com">Steps in Formation of a Company (bvjus.com)</a>
V	03.03.23 to 6.04.23	Prospectus - Definition - Registration - Contents - Shelf Prospectus - Misstatement and their consequences - Share capital - Meaning - kinds - alteration of share capital - Dividend - provisions for declaration of dividend - Meetings - Kinds of Company Meetings.	Assignment : Kinds of Company Meeting	DEBATE/ CASE STUDY	<a href="http://taxguru.in">Different kinds of Meetings under Companies Act of 2013 (taxguru.in)</a>
	10.04.23 to 20.04.23	NIL	Model Exam		

*Pavithra K S*

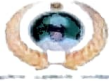
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**DEPARTMENT OF COMMERCE (ACCOUNTING AND FINANCE) SHIFT I**

**LESSON PLAN**

**CLASS: II B.COM A&F**

**SUBJECT NAME: WORKING CAPITAL MANAGEMENT**

**STAFFNAME: Ms.A.NIVEDHA**

**SUBJECT CODE: CA24B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 23.12.22	Working Capital Meaning - Importance of working capital management - components of working capital - Factors Influencing working capital requirements - Estimating working capital management - working capital life cycle -Role of Finance manager in working capital.	Assignment: Factors Influencing Working Capital Requirement	PPT/SEMINAR	<a href="http://www.cpdwise.com">www.cpdwise.com</a>
II	02.01.23 to 17.01.23	Different approaches to Financing Current Assets - Conservative, Aggressive and Matching approach - Sources of Finance Committees on Working Capital Finance. .	Assignments: Different Approaches to Financing Current Assets	SEMINAR/ DEBATE/ CASE STUDY	<a href="http://www.simplilearn.com">www.simplilearn.com</a>
II	18.01.23 to 31.01.23	Sources of Finance Committees on Working Capital Finance	Test : IA – 1 Unit I & II	TEST	Sources of Business Finance: Classification of Sources of Funds (byjus.com)
III	01.02.23 to 17.02.23	Importance - Factors influencing Cash Balance - Determining Optimum Cash Balance - Cash Budgeting - Controlling and Monitoring Collection and disbursements	Assignment : Cash Budgeting	SEMINAR	<a href="#">Capital budgeting ppt   PPT (slideshare.net)</a>
IV	20.02.23 to 02.03.23	Credit Policy Variables - Credit Standards - Credit period - Cash discount and Collection efforts - Credit evaluation -Control of Receivables	Test : IA – 2 Unit III & IV	PPT	<a href="http://www.findtutorials.com">www.findtutorials.com</a>
V	03.03.23 to 6.04.23	Need for Inventories and Importance of its Management -Techniques for managing Inventory - Economic Order Quantity (EOQ) - Stock levels - Analysis of Investment in inventory - Selective Inventory Control - ABC, VED and FSN Analysis	Assignment : Factors Influencing Cash Balances, Problems in EOQ	DEBATE/ CASE STUDY	<a href="#">Economic order quantity (eoq)   PPT (slideshare.net)</a>
	10.04.23 to 20.04.23	NIL	Model Exam		

*A. Nivedha*

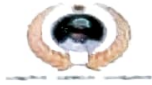
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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) SHIFT I**

**LESSON PLAN**

**CLASS: II B.COM A&F**

**SUBJECT NAME: INDIRECT TAXATION**

**STAFF NAME: Ms.K.BANUMATHY**

**SUBJECT CODE: CZ24D**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 23.12.22	History and Objectives of Taxation – Tax System in India- Direct & Indirect Taxes – Meaning and Types – Powers of Union and State to levy taxes – Constitutional Amendments leading to introduction of GST and their importance.	Assignment: Tax rates in India	PPT/SEMINAR	<a href="#">Tax Rates.pdf (incometaxindia.gov.in)</a>
II	02.01.23 to 17.01.23	Background behind implementing GST- The need for GST- objectives of GST- Business impact- Benefits of GST-SGST- CGST and IGST- Taxes covered by GST- Definitions - Scope and Coverage Scope of supply.	Assignment: Benefits of GST	SEMINAR/ DEBATE/ CASE STUDY	<a href="#">Need for GST in India - Masters India</a>
II	18.01.23 to 31.01.23	Levy of tax- Rate Structure – Taxable Events. Types of Supplies – Composite and Mixed Supplies – Composition Levy.	Test : IA – 1 Unit I & II	TEST	<a href="#">Composition Levy Scheme in GST- All You want to Know (taxguru.in)</a>
III	01.02.23 to 17.02.23	Return- Refunds- Input Tax Credit- Reverse charge Mechanism, Transitional Provisions composition under GST- Administrative structure of GST-Officers as per CGST Act- Officers as per SGST Act-Jurisdiction - Appointment Powers Relevance of Cross Empowerments	Assignment : Officers as per CGST Act and SGST Act	SEMINAR	<a href="#">Reverse Charge under GST - Explained with Examples - TaxAdda</a>
IV	20.02.23 to 02.03.23	Assessment and Audit under GST- Demands and Recovery- Appeals and revision- Advance ruling Offences and Penalties. National Anti-Profitteering Authority – GST Practitioners – Eligibility and Practice Career avenues	Test : IA – 2 Unit III & IV	PPT	<a href="#">Levy and collection as per IGST Act, 2017 (taxguru.in)</a>
V	03.03.23 to 6.04.23	The custom duty- Levy and collection of customs duty- Organisations of custom departments- Officers of customs- powers- Appellate Machinery- Infringement of the Law- Offences and Penalties- Exemptions from duty customs duty draw back- duties free Zones. Export incentive schemes	Assignment : Export Incentive Schemes	DEBATE/ CASE STUDY	<a href="#">Offences and Penalties under GST (cleartax.in)</a>
	10.04.23 to 20.04.23	NIL	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING AND FINANCE) SHIFT 1**

**LESSON PLAN**

**CLASS : II B.COM A&F**

**SUBJECT NAME: ELEMENTS OF OPERATION RESEARCH**

**STAFF NAME: Dr.P.LAKSHMI GAYATHRI**

**SUBJECT CODE: CZ34A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 23.12.22	Operations Research- Meaning-Definition - Origin and History- Characteristic Features – Need-Scope – Steps- Techniques- Application- Limitations	Assignment: Application of OR	PPT/SEMINAR	<a href="https://libguides.riphah.edu.pk/c.php?g=424930&amp;p=2902605">https://libguides.riphah.edu.pk/c.php?g=424930&amp;p=2902605</a>
II	02.01.23 to 17.01.23	Meaning- Requirements- Assumptions- Applications- Formulating Lpp – Advantages/Limitations Formulating LP Model (Simple Problems Only)	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE/ CASE STUDY	<a href="https://libguides.riphah.edu.pk/c.php?g=424930&amp;p=2902605">https://libguides.riphah.edu.pk/c.php?g=424930&amp;p=2902605</a>
III	18.01.23 to 31.01.23	Obtaining Optimal Solution for Linear Programming Problem (LPP)-Graphical Method - Problems -- Simplex Method for Type of LPP and for Slack Variable Case -Maximization Function - Minimization Function (Simple Problem Only)	Assignment: Simplex method	TEST	<a href="https://libguides.riphah.edu.pk/c.php?g=424930&amp;p=2902605">https://libguides.riphah.edu.pk/c.php?g=424930&amp;p=2902605</a>
IV	01.02.23 to 17.02.23	Meaning –(Initial Basic Feasible Solution)Assumptions -Degenerate Solution -North - West Corner Method- Least Cost Method -Vogels Approximation Method -Assignment Problems/Features -Transportation Problem Vs Assignment Problem -Hungarian Method (Simple Problems Only)	Test : IA – 2 Unit III and IV	SEMINAR	<a href="https://libguides.riphah.edu.pk/c.php?g=424930&amp;p=2902605">https://libguides.riphah.edu.pk/c.php?g=424930&amp;p=2902605</a>
V	20.02.23 to 02.03.23	Meaning- Types of Games- Basic Assumptions- Finding Value of Game for Pure Strategy - Mixed Strategy	Assignment : Game theory	PPT	<a href="https://libguides.riphah.edu.pk/c.php?g=424930&amp;p=2902605">https://libguides.riphah.edu.pk/c.php?g=424930&amp;p=2902605</a>
V	03.03.23 to 6.04.23	Indeterminate Matrix and Average Method - Graphical Method -Pure Strategy- Saddle Point Payoff Matrix Value of Game (Simple Problems Only)	Assignment: Average Method	DEBATE/ CASE STUDY	<a href="https://investopedia.com">Average Cost Method: Definition and Formula with Example (investopedia.com)</a>
	10.04.23 to 20.04.23	NIL	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING AND FINANCE) SHIFT I**


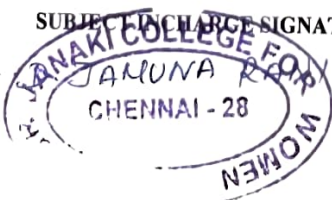
**LESSON PLAN**

**CLASS : II B.COM (A&F)**  
**STAFF NAME: Dr. D. JAMUNA RANI**

**SUBJECT NAME: INTERNATIONAL ECONOMICS**  
**SUBJECT CODE: CZ34B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 23.12.22	International Trade – Importance of International Trade, Theories of Foreign Trade:-	Assignment: Theories of Foreign Trade: Authors	PPT/SEMINAR	<a href="https://www.studysmarter.co.uk/">https://www.studysmarter.co.uk/</a>
I	02.01.23 to 17.01.23	Theories of Adam Smith, Ricardo, Haberler's Heckscher-Ohlin	Assignment: Theories of Adam Smith	SEMINAR/ DEBATE/ CASE STUDY	<a href="https://www.everstudy.co.in/">https://www.everstudy.co.in/</a>
II	18.01.23 to 31.01.23	Balance of Trade, Balance of Payment – Concepts – Causes of Disequilibrium, Methods to Correct Disequilibrium – Fixed and Floating Exchange Rates – Euro – Dollar Marketing (An Over View)	Test : IA – 1 Unit I and II	TEST	<a href="https://www.investopedia.com/">Balance of Trade (BOT): Definition, Calculation, and Examples (investopedia.com)</a>
III	01.02.23 to 17.02.23	Export Management – Export Procedure and Documents – Export Finance – Export Promotion – Export Pricing	Assignment Export Procedure and Documents	SEMINAR/	<a href="https://www.vedantu.com/">https://www.vedantu.com/</a>
IV	20.02.23 to 02.03.23	International Economic Organizations and its Functions IMF, IDA, IFA, IBRD, ADB, UNCTAD, UNIDO	Test : IA – 2 Unit III and IV	PPT	<a href="https://www.imf.org/">https://www.imf.org/</a> , <a href="https://ida.worldbank.org/">https://ida.worldbank.org/</a> <a href="https://byjus.com/">https://byjus.com/</a>
V	03.03.23 to 6.04.23	WTO and Trade Liberalization – Liberalization of Trade in Manufacturing and in Agricultural Trade – TRIPS, TRIMS – Indian Patent Law	Assignment WTO Functions and Lending operations	DEBATE/ CASE STUDY	<a href="https://www.wto.org/">https://www.wto.org/</a>
	10.04.23 to 20.04.23	NIL	Model Exam		

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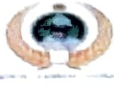
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**DEPARTMENT OF COMMERCE(AACCOUNTING AND FINANCE) SHIFT 1  
LESSON PLAN**

**CLASS : II B.COM AF**  
**STAFF NAME: Ms. PUSHPA LATHA H**

**SUBJECT NAME: COMPUTING SKILL- LEVEL - I**  
**SUBJECT CODE: TSSE1**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 23.12.22	Introduction to computers – classification of computers; Computers inside – Hardware (processing, memory i/o, storage etc), Software ( Systems, application); Operating Systems – DOS, LINUX, UNIX, Windows ; Programming – Overview, need and skills; Networking Basics, Virus, Hacking	Assignment: Operating Systems	PPT/SEMINAR	<a href="https://www.javatpoint.com/computer-fundamentals-tutorial">https://www.javatpoint.com/computer-fundamentals-tutorial</a>
II	02.01.23 to 17.01.23	Word processing - Operating of word documents like open, close, save, print ;Editing Text – tools, formatting , bullets, layout. Navigating word – Keyword, mouse, document formatting ;		Practical	<a href="https://www.javatpoint.com/ms-word-tutorial">https://www.javatpoint.com/ms-word-tutorial</a>
II	18.01.23 to 31.01.23	Paragraph alignment - indentation, headers, footers, numbering; printing preview, options. Unit 3: File Management – Importance of file management, backing of files	Test : IA – 1 Unit I and II	Practical	<a href="https://www.javatpoint.com/ms-word-tutorial">https://www.javatpoint.com/ms-word-tutorial</a>
III	01.02.23 to 17.02.23	Files and folders- editing, deleting, retrieving, renaming, subfolders; Manipulating windows – minimize, maximize; power point basics-terminology- templates, viewing		Practical	<a href="https://www.javatpoint.com/powerpoint-tutorial">https://www.javatpoint.com/powerpoint-tutorial</a>
IV	20.02.23 to 02.03.23	Spreadsheets – MS Excel – opening, entering text and data, formatting, navigating; Formulas- entering, handling and copying; charts-creating, formatting and printing, header and footer, centering of data; printing	Test : IA – 2 Unit II and III	Practical	<a href="https://www.javatpoint.com/excel-tutorial">https://www.javatpoint.com/excel-tutorial</a>
V	03.3.23 to 6.4.23	Networking - Internet explorer; www – working, browsing, searching, saving; bookmark – features, favorite, create, delete ; printing webpage; email – creating, receiving, reading and sending messages	Assignment: Email-creating		<a href="https://www.tutorialspoint.com/internet_technologies/index.htm">https://www.tutorialspoint.com/internet_technologies/index.htm</a>
	10.4.23 to 20.4.23	Nil	Model Exam	Practical	

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) SHIFT I**

**LESSON PLAN**

**CLASS: II B.COM A&F**  
**STAFF NAME: Dr.C.NITHYA**

**SUBJECT NAME: ENVIRONMENTAL STUDIES**  
**SUBJECT CODE: ENV4B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
V	07.12.22 to 23.12.22	Environmental pollution: types, causes, effects and controls: Air, Water, soil and noise Pollution. D19 Nuclear hazards and human health risks Solid waste management: Control measures of urban and industrial waste Pollution case studies	Assignment: Types of Pollution	PPT/SEMINAR	<a href="#">Environmental Pollution: All You Need To Know - Embibe</a>
VI	02.01.23 to 17.01.23	Climate change, Global Warming, Ozone Layer depletion, acid rain and impacts on human communities and agriculture. Environment Laws: Environment Protection Act, Air (Prevention & Control of Pollution) Act; Water (Prevention & Control of Pollution) Act..	Assignment: Climate Change	SEMINAR/ DEBATE/ CASE STUDY	<a href="#">Global warming   Definition, Causes, Effects, Solutions, &amp; Facts   Britannica</a>
VI	18.01.23 to 31.01.23	Wildlife Protection Act; Forest Conservation Act, International Agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD). Nature reserves, tribal populations and rights, and human Wildlife conflicts in Indian context	Test : IA – 1 Unit V & VI	TEST	<a href="#">Biological Diversity Act, India [2002]: National Biodiversity Authority   Biodiversity Protection (byjus.com)</a>
VII	01.02.23 to 17.02.23	Human Population growth, impacts on environment, human health and welfare. Resettlement and rehabilitation of projects affected persons; case studies. Disaster management: floods, earthquake, cyclone and landslides. Environmental movements: Chipko, Silent Valley, Bishnois of Rajasthan.	Assignment : Cyclone and Landslides	SEMINAR	<a href="#">Cyclone Biparjoy - Wikipedia</a>
VII	20.02.23 to 02.03.23	Environmental movements: Chipko, Silent Valley, Bishnois of Rajasthan. Environmental ethics: Role of Indian and other religious and cultures in environmental conservation. Environmental communication and public awareness, case studies (e.g. CNG Vehicles in Delhi).	Test : IA – 2 Unit VII & VIII	PPT	<a href="#">Environmental communication - Wikipedia</a>
VIII	03.03.23 to 6.04.23	Visit to an area document environmental assets: rivers/forests/flora/fauna etc. Visit to a local polluted site- Urban/Rural/Industrial/Agricultural. Study of common plants, insects, birds and basic principles of identification. Study of simple ecosystem-pond, river, Delhi Ridge etc.	Assignment : study of simple ecosystem	DEBATE/ CASE STUDY	<a href="#">Study of Simple Ecosystems   PDF   Ecosystem   Food Web (scribd.com)</a>
	10.04.23 to 20.04.23	NIL	Model Exam		



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ANUMATHY



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## DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I

### LESSON PLAN

CLASS : III B.Com(A&F)

SUBJECT: ADVANCED COST ACCOUNTING

STAFF NAME: Ms.A.NIVEDHA

SUBJECT CODE: CZ26A

Unit	Date	Topics	Assignment & Test	TEACHING METHODOLOGY	Web Resources
I	07.12.22 to 23.12.22	Definition – Features of Contract Costing – Calculation of Profits on Contracts o Cost plus Contract – contract costing vs job costing .	Assignment:Features of Contract Costing	PPT/SEMINAR	<a href="https://www.slideshare.net/MdS_hamsurRahmanHeera/contract-costing-170274147">https://www.slideshare.net/MdS_hamsurRahmanHeera/contract-costing-170274147</a>
I & II	02.01.23 to 17..01.23	Preparation of contract A/C -Features of Process Costing – Process Loss – Normal and Abnormal Loss – Abnormal gain - joint products and bye products.	Assignment:Problems in Contract account	SEMINAR/ DEBATE/ CASE STUDY	<a href="https://www.slideshare.net/MdS_hamsurRahmanHeera/contract-costing-170274147">https://www.slideshare.net/MdS_hamsurRahmanHeera/contract-costing-170274147</a>
II & III	18.01.23 to 31.01.23	Concept of Equivalent Production - Process Accounts – Process Losses and Gains. Operation cost -meaning- preparation of operation cost sheet.	Test : IA - 1 Unit I & II	TEST	<a href="https://music.youtube.com/watch?v=pMs-dQ99LTQ&amp;list=PLVEpOR0VktS91e9hIBqnKcoJlfWJlrHmd">https://music.youtube.com/watch?v=pMs-dQ99LTQ&amp;list=PLVEpOR0VktS91e9hIBqnKcoJlfWJlrHmd</a>
III & IV	01.02.23 to 17.02.23	Transport Costing – Power supply costing – Hospital costing – Simple Problems.Meaning – Features – Absorption Costing – Marginal Costing Vs Absorption Costing – Contribution – PV Ratio – Break Even Point .	Assignment:Absorption Costing	SEMINAR/	<a href="https://www.youtube.com/watch?v=5AnBEqX-H6Q&amp;list=PLJ_81_DIRlydgIIWTK-MAhenQShV9aCK-">https://www.youtube.com/watch?v=5AnBEqX-H6Q&amp;list=PLJ_81_DIRlydgIIWTK-MAhenQShV9aCK-</a>
IV & V	20.02.23 to 02.03.23	Key Factor – Margin of Safety – Preparation of Marginal Cost Statement- Definition – Objectives – Advantages – Standard costand Estimated Cost – Installation of Standard Costing –	Test : IA – 2 Unit III & IV	PPT	<a href="https://www.youtube.com/watch?v=No5xYP6BpDg">https://www.youtube.com/watch?v=No5xYP6BpDg</a>
V	03.03.23 to 06.04.23	Variance Analysis – Material , Labour, Overhead and Sales Variances – Calculation of Variances.	Assignment: Problems in Sales variances	DEBATE/ CASE STUDY	<a href="https://www.youtube.com/watch?v=oapzDFZjIJo">https://www.youtube.com/watch?v=oapzDFZjIJo</a>
	10.04.23 to 20.04.23	Nil	Model Exam		

**Ms. A. Nivedha**  
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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : III B.Com(A&F)**

**SUBJECT: MANAGEMENT ACCOUNTING**

**STAFF NAME: Dr.C.Nithya**

**SUBJECT CODE: CZ26B**

Unit	Date	Topics	Assignment & Test	TEACHING METHODOLOGY	Web Resources
I	07.12.22 to 23.12.22	Management Accounting - Meaning, scope, importance and limitations -Management Accounting vs. Cost Accounting. Management Accounting vs. Financial Accounting.	Assignment: Problems from Comparative Financial Statement Analysis	PPT/SEMINAR	<a href="https://www.youtube.com/watch?v=snaudM8or20">https://www.youtube.com/watch?v=snaudM8or20</a>
I & II	02.01.23 to 17.01.23	Analysis and Interpretation of Financial Statements - Nature, objectives, tools - Methods -Comparative Statements, Common Size statement and trend analysis.	Assignment:Problems in Comparative Statements	SEMINAR/ DEBATE/ CASE STUDY	<a href="https://www.youtube.com/watch?v=3tFfHKS4eA">https://www.youtube.com/watch?v=3tFfHKS4eA</a>
II& III	18.01.23 to 31.01.23	Meaning of Cash flow statements - Advantages - Limitations - Preparation of Cash flow statement -Operating - Financing and investing cash flows -Make or Buy - Shutdown or continue - Exploring new markets	Test : IA - 1 Unit I & II	TEST	<a href="https://www.youtube.com/watch?v=7yFbS_AoMNU">https://www.youtube.com/watch?v=7yFbS_AoMNU</a>
III & IV	01.02.23 to 17.02.23	Budgets and budgetary control - Meaning, objectives, merits and demerits.-Capital Expenditure control -Meaning of Capital	Assignment: merits and demerits of Budget.	SEMINAR/	<a href="https://www.slideshare.net/mals-haibah/budgetary-control-57091147">https://www.slideshare.net/mals-haibah/budgetary-control-57091147</a>
IV& V	20.02.23 to 02.03.23	Preparation of various Budgets - Production, Sales,cash and Flexible Budgets.-Assessment of capital expenditure through Pay back period -	Test : IA - 2 Unit III & IV	PPT	<a href="https://www.slideshare.net/mals-haibah/budgetary-control-57091147">https://www.slideshare.net/mals-haibah/budgetary-control-57091147</a>
V	03.03.23 to 06.04.23	Accounting Rate of Return - Net Present Value Method.Accounting Rate of Return - Net Present Value Method.	Assignment: Problems in Accounting Rate of Return	DEBATE/ CASE STUDY	<a href="https://www.slideshare.net/kristelpamelacaluya/accounting-rate-of-return-24232584?from_search=1">https://www.slideshare.net/kristelpamelacaluya/accounting-rate-of-return-24232584?from_search=1</a>
	10.04.23 to 20.04.23	Nil	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : III B.Com(A&F)**

**SUBJECT: INCOME TAX LAW & PRACTICE II**

**STAFF NAME: Ms.K.Banumathy**

**SUBJECT CODE: CA26A**

Unit	Date	Topics	Assignment & Test	TEACHING METHODOLOGY	Web Resources
I	07.12.22 to 23.12.22	Capital gain – Meaning – Short term, long term capital gains – certain transactions not included as transfer	Assignment: Problems in Capital gain	PPT/SEMINAR	<a href="https://www.slideshare.net/Paritoshc786/capital-gains-ppt">https://www.slideshare.net/Paritoshc786/capital-gains-ppt</a>
I & II	02.01.23 to 17.01.23	cost of acquisition – cost of improvement – Indexation of cost- Capital gains under different circumstances- Exempted capital gains- computation of capital gains- Computation – grossing up.	Assignment:Problems in Capital gains under different circumstances	SEMINAR/ DEBATE/ CASE STUDY	<a href="https://www.youtube.com/watch?v=agTFOL78tI8">https://www.youtube.com/watch?v=agTFOL78tI8</a>
II & III	18.01.23 to 31.01.23	Clubbing of Incomes under various situations – Deemed incomes -Simple Problems on clubbing of Income - Set off - Carry forward and set off of losses.- Permissible deductions from gross total income – Sec. 80C, 80CCC,	Test : IA - 1 Unit I & II	TEST	<a href="https://www.youtube.com/watch?v=mF4-PU4-Pzs">https://www.youtube.com/watch?v=mF4-PU4-Pzs</a>
III & IV	01.02.23 to 17.02.23	80CCCD, 80 D, 80DD, 80DDB, 80E, 80G, 80GG, 80GGA, 80QQB, 80RRB, 80U - Assessment of Individual – Computation of Tax.	Assignment: Assessment of Individual.	SEMINAR	<a href="https://www.youtube.com/watch?v=nR8uT2QUlgA">https://www.youtube.com/watch?v=nR8uT2QUlgA</a>
IV & V	20.02.23 to 02.03.23	Income Tax Authorities – Powers of the central Board of Direct Taxes (CBDT), - Commissioners of Income Tax and Income Tax officers – Assessment Procedures –	Test : IA – 2 Unit III & IV	PPT	<a href="https://www.slideshare.net/RajatVaishnav/income-tax-authorities-by-rajat-vaishnav">https://www.slideshare.net/RajatVaishnav/income-tax-authorities-by-rajat-vaishnav</a>
V	03.03.23 to 06.04.23	Self Assessment – Best Judgement Assessment-Income Escaping Assessment (Re assessment) - Advance payment of Tax – Meaning and Due dates	Assignment: Income Escaping Assessment	DEBATE/ CASE STUDY	<a href="https://www.slideshare.net/BNWAaccountantsandTax/personal-tax-and-self-assessment-tax-return">https://www.slideshare.net/BNWAaccountantsandTax/personal-tax-and-self-assessment-tax-return</a>
	10.04.23 to 20.04.23	Nil	Model Exam		

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## DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE)- SHIFT I

### LESSON PLAN

CLASS : III B.Com(AACCOUNTING & FINANCE)  
STAFF NAME: Ms.K.S.PAVITHRA

SUBJECT:ENTREPRENEURIAL DEVELOPMENT  
SUBJECT CODE: CA46A

Unit	Date	Topics	Assignment & Test	TEACHING METHODOLOGY	Web Resources
I	07.12.22 to 23.12.22	Meaning of entrepreneurial-types-traits-factor promoting-barriers-entrepreneurial culture-stages	Assignment: Barriers of entrepreneur	PPT/SEMINAR	<a href="https://www.slideshare.net/REKAGOVIND/characteristics-of-an-entrepreneur-232337156">https://www.slideshare.net/REKAGOVIND/characteristics-of-an-entrepreneur-232337156</a>
I & II	02.01.23 to 17.01.23	Women entrepreneurial and SHG-trend analysis-brainstorming-focus group-customer advisory boards,protecting ideas from being lost or stolen.	Assignment: Self Help Group	SEMINAR/ DEBATE/ CASE STUDY	<a href="https://www.slideshare.net/AjitaGupta6/self-help-group-86636553">https://www.slideshare.net/AjitaGupta6/self-help-group-86636553</a>
II & III	18.01.23 to 31.01.23	Opportunity -identification and product and service -selection-generation and screening the project-ideas-	Test : IA - 1 Unit I & II	TEST	<a href="https://www.slideshare.net/MOHAMMADIQBAL148/generation-screening-of-project-idea">https://www.slideshare.net/MOHAMMADIQBAL148/generation-screening-of-project-idea</a>
III & IV	01.02.23 to 17.02.23	Market analysis-technical analysis-cost benefit analysis and network analysis.-business planbusiness plan process-advantages of business planing-	Assignment: Business Plan Process	SEMINAR	<a href="https://www.slideshare.net/AtouLtd/5-advantages-of-having-a-businessplan">https://www.slideshare.net/AtouLtd/5-advantages-of-having-a-businessplan</a>
IV & V	20.02.23 to 02.03.23	Preparing a model project for starting a new venture(team based project work)	Test : IA – 2 Unit III & IV	PPT	<a href="https://www.slideshare.net/priva1401/new-venture-creation-7451564">https://www.slideshare.net/priva1401/new-venture-creation-7451564</a>
V	03.03.23 to 06.04.23	Sources of business plan-venture capital-venture capital process-business angles-commercial banks-government grants and schemes	Assignment: Venture Capital	DEBATE/ CASE STUDY	<a href="https://www.slideshare.net/helloqarg/commercial-bank-165540201">https://www.slideshare.net/helloqarg/commercial-bank-165540201</a>
	10.04.23 to 20.04.23	Nil	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : III B.Com(A&F)**

**STAFF NAME: Dr.E.Nirmala**

**SUBJECT: FINANCIAL SERVICES**

**SUBJECT CODE: CA46C**

Unit	Date	Topics	Assignment & Test	TEACHING METHODOLOGY	Web Resources
I	07.12.22 to 23.12.22	Financial services - Concepts - Objectives - Functions - Characteristics - Financial Services Market - Concept - Constituents - Growth of Financial services in India - Financial Service Sector problems	Assignment: Functions of Financial Services	PPT/SEMINAR	<a href="https://www.slideshare.net/ramusakha/financial-services-20245118">https://www.slideshare.net/ramusakha/financial-services-20245118</a>
I & II	02.01.23 to 17.01.23	Financial service environment - The Forces - Players in financial markets -Definition - Functions - Merchant Bankers Code of Conduct - Public issue Management - Concept - Functions	Assignment: Merchant Bankers Code of Conduct	SEMINAR/ DEBATE/ CASE STUDY	<a href="https://www.slideshare.net/JacelDeLaRoca/chapter-2-players-in-the-market">https://www.slideshare.net/JacelDeLaRoca/chapter-2-players-in-the-market</a>
II & III	18.01.23 to 31.01.23	Role of issue Manager - Marketing of Issue - New Issues Market Vs Secondary Market.-Characteristics - Functions - Indian Capital Market - Constituents of Indian Capital Market - New Financial Institutions and Instruments - Investor Protection	Test : IA - 1 Unit I & II	TEST	<a href="https://www.slideshare.net/tjothiram395/indian-capital-market-37613714">https://www.slideshare.net/tjothiram395/indian-capital-market-37613714</a>
III & IV	01.02.23 to 17.02.23	Characteristics - Types - Participants - Myths about Leasing - Hire Purchase - Lease Financing Vs Hire Purchase Financing - Factoring - Mechanism - Functions of a Factor - Factoring - Players- Types - Operational Profile of Indian Factoring	Assignment: Features of Factoring	SEMINAR/	<a href="https://www.slideshare.net/RichaModil/leasing-and-hire-purchase">https://www.slideshare.net/RichaModil/leasing-and-hire-purchase</a>
IV & V	20.02.23 to 02.03.23	Operational Problems in Indian Factoring - Factoring Vs bills Discounting - Securitisation of Debt - Parties involved- Steps of securitisation - Types of securitisation- Advantages - Limitations - SARFAESI Act 2002 - Background - Purpose of the Act - Main provisions	Test : IA - 2 Unit III & IV	PPT	<a href="https://www.slideshare.net/raj01fm07/factoring-39256482">https://www.slideshare.net/raj01fm07/factoring-39256482</a>
V	03.03.23 to 06.04.23	Origin and Growth of Venture Capital - Investment Nurturing Methods - Mutual Funds - Portfolio Management Process in Mutual Funds-Credit Rating System - Growth Factors - Credit Rating Process - Global and Domestic -Chilean Model - Pension Investment Policy - Pension Financing.	Assignment: Credit Rating	DEBATE/ CASE STUDY	<a href="https://www.youtube.com/watch?v=Lbs6ORiE0NI">https://www.youtube.com/watch?v=Lbs6ORiE0NI</a>
	10.04.23 to 20.04.23	Nil	Model Exam		

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**DEPARTMENT OF TAMIL  
LESSON PLAN**

**CLASS : I B.COM A&F  
STAFF NAME: Dr.M.VINIKUMARI**

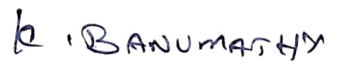
**SUBJECT NAME: GENERAL TAMIL  
SUBJECT CODE: LA11A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.8.22 to 30.8.22	மரபுக்கவிஞர்கள் -இலக்கியவரலாறு, பாரத சமுதாயம், ஒற்றுமைப்பாட்டு, உடல் நலம் பேணல், தமிழன் இதயம், குடும்பம் ஒரு கதம்பம், வருங்காலம் உண்டு, வழிப்பயணம்	Assignment: மரபுக்கவிஞர்கள் இலக்கிய வரலாறு	PPT/SEMINAR	DVR Audio Books
II	1.9.22 To 16.9.22	புதுக்கவிதை தோற்றம் வளர்ச்சி -இலக்கிய வரலாறுகாதல்- லீலை, பித்தன் ஒரு கடிதம் அனாதையாகிவிட்டது-நிழல்கள், ஒவ்வொரு புல்லையும் பெயர் சொல்லி அழைப்பேன், சொல்லில் உயர்வு தமிழ்ச்சொல்லே, விதைச்சோளம், இன்று நான் பெரிய பெண்	Assignment: புதுக்கவிதை தோற்றம், வளர்ச்சி	SEMINAR/ தமிழ் மொழியின் சிறப்பு	Mind and Words
IV	19.9.22 To 29.9.22	நாட்டுப்புறப் பாடல்கள் தோற்றம், வளர்ச்சி, செய்யுள் -அம்பா பாடல்கள், விளையாட்டுப் பாடல்கள்,நடவுப் பாட்டு	Test : IA – 1 Unit I and II	PPT/SEMINAR	MUSIC DROPS
V	30.9.22 TO 7.10.22	சிறுகதை தோற்றம் வளர்ச்சி -இலக்கிய வரலாறு, சிறுகதைகள்-கனகாம்பரம், குமார புரம் ஸ்டேஷன், வெயிலோடு போய்,வட்டக் கண்ணாடி,பிளாஸ்டிக் டப்பாவில் பராசக்தி முதலியோர்,தமிழின்பம்	Assignment : தமிழின்பம்	PPT/SEMINAR	Web Tamil Nanban
	10.10.22 TO 17.10.22	நாற்காலிக்காரர்-நாடகம்,	Model Exam		WebTamil Nanban

  
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**DEPARTMENT OF HINDI  
LESSON PLAN – ODD SEMESTER (2022 – 23)**

**CLASS – I YEAR/ I SEMESTER  
SUBJECT/ CODE – HINDI/ LE11A  
STAFF NAME – Dr. RANJANA RAI**

Date	Unit	Topic	Assignment/ Test	Teaching Methodology	Web Resource
20/8/22- 30/8/22	I II	सभ्यता का रहस्य – प्रेमचंद पत्रों के प्रकार व्यक्तिगत पत्र	सभ्यता का रहस्य – सारांस		<a href="https://safi.wise.edu/hindi/language">https://safi.wise.edu/hindi/language</a>
1/9/22- 8/9/22	I II	मित्रता – आचार्य रामचंद्र शुक्ल सामाजिक पत्र हिन्दी पदनाम	मित्रता – सप्रसंग व्याख्या		
9/9/22- 16/9/22	II III	यूवाओं से – स्वामी विवेकानन्द आवेदन पत्र, कार्यालयीन टिप्पण कार्यालय आदेश, बैंकिंग पत्र		स्वामी विवेकानन्द के बारे में विचार	
19/9/22- 29/9/22	III IV VI	परमाणु उर्जा एवं खाद्य पदार्थसंरक्षण – वैज्ञानिक निबंध, प्रशासनिक शब्दावली प्रपत्र, आदेश पत्र, अनुस्मारक सूचना तकनीकी शब्द			<a href="https://21stcenturyhindi.com">https://21stcenturyhindi.com</a> > online
30/9/22- 7/10/22	III IV V	योग्यता और व्यवसाय का चुनाव – माधवराव सप्रे पूछताछ पत्र, बैंकिंग शब्दावली कार्यालय ज्ञापन, परपत्र	हिन्दी पदनाम		
10/10/22- 17/10/22	V VI	अधिसचनू पृष्ठांकन कार्यालय आदेश प्रेसविज्ञप्ति			

for  
C. N. L. Thya.



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**DEPARTMENT OF FRENCH**

**LESSON PLAN**

**CLASS :** I Year French  
**SUBJECT NAME:** French  
**ODD SEM**  
**STAFF NAME:** Ms. Kameshwari K.V.  
**SUBJECT CODE:** LK11A

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.08.22 To 30.08.22	Saluer Contact avec quelqu'un Se presenter S'excuser	Assignment: Saluer	PPT/SEMINAR	<a href="http://www.urbanpro.com/french">http://www.urbanpro.com/french</a>
II	01.09.22 To 16.09.22	Enchanter!, Les pronom, L'articles défini l'article indéfini, les nombres, les dates, l'heure	Test : IA - 1 Unit I and II	SEMINAR/ DEBATE	
III		l'article contracté, l'article partitif, le negation, le conjugaison- le présent...er Groupe et ir Groupe, les goûts	Assignment : Training process	TEST	
IV	19.09.22 To 29.09.22	Je veux bien Le futur, le passé composé, le futur proche, le passé récent, Les cartes postale: Invitation d'acceptance et le lettre de refus. L'impératif	Test : IA - 2 Unit III and IV	TEST	
V	30.09.22 To 07.10.22	On se voit quand? L'impératif L'imparfait Rendez vous par téléphone, le conditionnel, Message par électronique	Assignment : Control Process	PPT/SEMINAR	<a href="http://www.urbanpro.com/french">http://www.urbanpro.com/french</a>
VI		Bonne idée. S'informer sur le prix, S'informer sur la quantité, Exprimer la qualité	Model Exam		

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**DEPARTMENT OF ENGLISH**

**LESSON PLAN**

**CLASS: I B.COM A&F**  
**STAFF NAME: Ms.N.TASNEEM**

**SUBJECT NAME: COMMUNICATIVE ENGLISH - I**  
**SUBJECT CODE: LZ11A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.8.22 to 30.8.22	Listening and Speaking a. Introducing self and others b. Listening for specific information c. Pronunciation (without phonetic symbols) i. Essentials of pronunciation ii. American and British pronunciation iii. Identifying topic sentences 2. Reading and Writing a. Reading short articles – newspaper reports / fact based articles i. Skimming and scanning ii. Diction and tone iii. Identifying topic sentences b. Reading aloud: Reading an article/report c. Journal (Diary) Writing 3. Study Skills - 1 a. Using dictionaries, encyclopaedias, thesaurus 4. Grammar in Context: Naming and Describing • Nouns & Pronouns • Adjectives	Assignment: Reading short articles – newspaper reports / fact based articles	PPT/SEMINAR	<a href="https://www.britannica.com/topic/grammar">https://www.britannica.com/topic/grammar</a>
II		1. Listening and Speaking a. Listening with a Purpose b. Effective Listening c. Tonal Variation d. Listening for Information e. Asking for Information f. Giving Information 2. Reading and Writing 1. a. Strategies of Reading: Skimming and Scan b. Types of Reading: Extensive and Intensive Reading c. Reading a prose passage d. Reading a poem e. Reading a short story	Assignment: Reading short articles – newspaper reports / fact based articles	PPT/SEMINAR	<a href="https://www.britannica.com/topic/grammar">https://www.britannica.com/topic/grammar</a>



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		b. Types of Reading: Extensive and Intensive Reading c. Reading a prose passage d. Reading a poem e. Reading a short story			
<b>II</b>	1.9.22 To 16.9.22	2. Paragraphs: Structure and Types a. What is a Paragraph? b. Paragraph structure c. Topic Sentence d. Unity e. Coherence f. Connections between Ideas: Using Transitional words and expressions g. Types of Paragraphs 3. Study Skills II: Using the Internet as a Resource a. Online search b. Know the keyword c. Refine your search d. Guidelines for using the Resources e. e-learning resources of Government of India f. Terms to know 4. Grammar in Context Involving Action-I a. Verbs b. Concord	Assignment: writing a short descriptive essay of two to three paragraphs.	SEMINAR/ DEBATE	<a href="https://www.learnenglishonline.com/Write_in_English/WL10_types_of_paragraphs.html#:~:text=The%20four%20different%20types%20of,narrative%2C%20expository%2C%20and%20persuasive">https://www.learnenglishonline.com/Write_in_English/WL10_types_of_paragraphs.html#:~:text=The%20four%20different%20types%20of,narrative%2C%20expository%2C%20and%20persuasive</a>
<b>III</b>		1. Listening and Speaking a. Giving and following instructions b. Asking for and giving directions c. Continuing discussions with connecting ideas 2. Reading and writing a. Reading feature articles (from newspapers and magazines) b. Reading to identify point of view and perspective (opinion pieces, editorials etc.) c. Descriptive writing – writing a short descriptive essay of two to three paragraphs. 3. Grammar in Context: Involving Action – II Verbals - Gerund, Participle, Infinitive • Modals			



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IV	19.9.22 To 29.9.22	1. Listening and Speaking a. Giving and responding to opinions 2. Reading and writing a. Note taking b. Narrative writing – writing narrative essays of two to three paragraphs 3. Grammar in Context: Tense • Present • Past • Future	Test: IA – 1 Unit I and II	PPT/SEMIN AR	<a href="https://www.englishclub.com/grammar/verb-tenses.php">https://www.englishclub.com/grammar/verb-tenses.php</a>
V	30.9.22 TO 7.10.22	1. Listening and Speaking a. Participating in a Group Discussion 2. Reading and writing a. Reading diagrammatic information – interpretations maps, graphs and pie charts b. Writing short essays using the language of comparison and contrast 3. Grammar in Context: Voice (showing the relationship between Tense and Voice)	Assignment: Writing short essays using the language of comparison and contrast	PPT/SEMIN AR	
	10.10.22 TO 17.10.22	NIL	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS : I B.Com A&F**  
**STAFF NAME:Ms.A.NIVEDHA**

**SUBJECT : FINANCIAL ACCOUNTING**  
**SUBJECT CODE: CZ21A**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	20.8.22 To 30.8.22	Preparation of Final Accounts of a Sole Trading Concern – Adjustments – Preparation of Receipts and Payments Account, Income & Expenditure Account and Balance Sheet of Non Trading Organizations	Assignment: Final accounts - Statement	SEMINAR/ DEBTE/ C ASE STUDY	<a href="https://www.slideshare.net/AnkitSand1/final-accounts-76049836">https://www.slideshare.net/AnkitSand1/final-accounts-76049836</a>
II		Depreciation - Meaning, Causes, Types – Straight Line Method -Written Down Value Method-Concept of useful life under Companies Act,2013.			
II	1.9.22 To 16.9.22	Insurance Claims – Calculation of Claim Amount - Average Clause	Assignment: Explain the methods used in determining profits and loss accounts	PPT/SEMINAR	<a href="https://www.slideshare.net/RossyMathur1/single-entry-system-77522442">https://www.slideshare.net/RossyMathur1/single-entry-system-77522442</a>
III		Meaning and Features of Single Entry System - Defects - Differences between Single Entry and Double Entry System – Methods of Calculation of Profit-Statement of Affairs Method - Conversion Method.			
IV	19.9.22 To 29.9.22	Classification of errors – Rectification of errors – Bank Reconciliation Statement	Test :1A - A UNIT I and II	TEST	<a href="https://www.slideshare.net/itisha89/trial-balance-and-rectification-of-errors-119312574">https://www.slideshare.net/itisha89/trial-balance-and-rectification-of-errors-119312574</a>
V	30.9.22 TO 7.10.22	Hire Purchase System- Default and repossession- Instalment System - Calculation of Profit.	Assignment: Hire purchase - Problems 5 to 9	PPT/SEMINAR	<a href="https://www.slideshare.net/mcsharma1/hire-purchase-system-default-and-repossession-54274942">https://www.slideshare.net/mcsharma1/hire-purchase-system-default-and-repossession-54274942</a>
	10.10.22 TO 17.10.22	Nil	Model Exam		

*A. Nivedha*

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS : I B.Com A&F**

**SUBJECT : FINANCIAL PLANNING & PERFORMANCE**

**STAFF NAME: Ms.K.S.PAVITHRA**

**SUBJECT CODE: CA21A**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	20.8.22 TO 30.8.22	Analysis of external and internal factors affecting strategy - Long-term mission and goals - Alignment of tactics with long-term strategic goals - Strategic planning models and analytical techniques - Characteristics of successful strategic planning process.	Assignment: SWOT Analysis	PPT/SEMINAR	<a href="https://onstrategyhq.com/resources/internal-and-external-analysis/">https://onstrategyhq.com/resources/internal-and-external-analysis/</a>
II	1.9.2022 TO 7.9.2022	Operations and performance goals - Characteristics of a successful budget process - Resource allocation - Regression analysis - Learning curve analysis - Expected value - Annual business plans (master budgets) - Project budgeting -	Assignment: Forecasting of budgets	SEMINAR/D EBTE/CASE STUDY	<a href="https://www.scribd.com/document/568366757/USA-CMA-Part-1-2021-syllabus-in-detail">https://www.scribd.com/document/568366757/USA-CMA-Part-1-2021-syllabus-in-detail</a>
II	8.9.2022 TO 14.9.2022	Activity-based budgeting - Zero-based budgeting - Continuous (rolling) budgets - Flexible budgeting - Annual profit plan and supporting schedules - Operational budgets - Financial budgets - Capital budgets - Pro forma income - Financial statement projections - Cash flow projections.			
III	15.9.2022 TO 20.9.2022	Comparison of actual to planned results - Use of flexible budgets to analyze performance - Management by exception - Use of standard cost systems - Analysis of variation from standard cost expectations	Assignment: Management by Exception	PPT/SEMINAR	<a href="https://www.powershow.com/view4/4c0415-ZjE5Z/Flexible_Budgets_and_Variance_Analysis_powerpoint_ppt_presentation">https://www.powershow.com/view4/4c0415-ZjE5Z/Flexible_Budgets_and_Variance_Analysis_powerpoint_ppt_presentation</a>
IV	22.9.22 To 29.9.22	Types of responsibility centers - Transfer pricing - Reporting of organizational segments Product profitability analysis - Business unit profitability analysis - Customer profitability analysis	Test :1A - A UNIT I and II	TEST	<a href="https://www.scribd.com/document/490193415/MODULE-4-Responsibility-Accounting-docx">https://www.scribd.com/document/490193415/MODULE-4-Responsibility-Accounting-docx</a>
V	30.9.22 TO 7.10.22	Return on investment - Residual income - Investment base issues - Key performance indicators (KPIs) - Balanced scorecard	Assignment: ROI and ROLE	PPT/SEMINAR	<a href="https://www.yourarticlelibrary.com/accounting/return-on-investment-roi-advantages-and-disadvantages/52928">https://www.yourarticlelibrary.com/accounting/return-on-investment-roi-advantages-and-disadvantages/52928</a>
	10.10.22 TO 17.10.22	Nil	Model Exam		

*Pavithra - KS*

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS:I B.COM A&F**

**SUBJECT:BUSINESS COMMUNICATION**

**STAFF NAME :Dr.C.NITHYA**

**SUBJECT CODE:CA31B**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	20.8.22 TO 30.8.22	Definition – Methods – Types – Principles of effective Communication – Barriers to Communication – Business Letters – Layout.	Assignment: Business letters and layouts	PPT/SEMINAR	www.newagepublishers.com
II	1.9.2022 TO 7.9.2022	Kinds of Business Letters: Interview – Application for a situation – Interview -	Assignment: Kinds of business letters	SEMINAR/DEBTE	http://www.smallbusiness.chom.com/
II	8.9.2022 TO 14.9.2022	Appointment – Acknowledgement – Promotion – Enquiries – Reply letter – Orders – Sales letter – Circular letter – Complaint letter.			
III	15.9.2022 TO 20.9.2022	Bank Correspondence – Insurance Correspondence. Agency Correspondence – Correspondence with Shareholders, Directors.	Assignment: Correspondence with shareholders and directors	PPT/SEMINAR	http://www.businesscommunication.org/
IV	22.9.22 To 29.9.22	Report Writing – Meetings – Agenda - Minutes of Meeting.Memorandum – Office Order – Circular – Notes.	Test :1A - A UNIT I and II	TEST	http://www.businesscommunication.org/
V	30.9.22 TO 7.10.22	Modern Forms of Communication: Fax – E-mail – Video Conferencing – Internet – Websites – uses of the various forms of communication.	Assignment: Enumerate the hallmarks of good minutes	PPT/SEMINAR	https://www.slideshare.net/csLakshmi/modern-forms-of-communications-pptx
	10.10.22 TO 17.10.22	Nil	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS : I B.Com A&F**

**SUBJECT : PROFESSIONAL ENGLISH FOR  
COMMERCE & MANAGEMENT I**

**STAFF NAME: Ms.A.NIVEDHA**

**SUBJECT CODE: PZ1CA**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	20.8.22 To 30.8.22	COMMUNICATION:Listening: Listening to audio text and answering questions - Listening to Instructions Speaking: Pair work and small group work. Reading: Comprehension passages –Differentiate between facts and opinion Writing: Developing a story with pictures. Vocabulary: Register specific - Incorporated into the LSRW tasks.	Assignment: Explain the difference between a business letter & e.mail. Discuss how business mail can helpful hyperlinks.	PPT/SEMINAR	<a href="https://commercemates.com/importance-of-decision-making/">https://commercemates.com/importance-of-decision-making/</a>
II	01.9.22 To 14.09.22	DESCRIPTION Listening: Listening to process description.- Drawing a flow chart. Speaking: Role play (formal context) Reading: Skimming/Scanning,Reading passages on products, equipment and gadgets. Writing: Process Description –Compare and Contrast Paragraph-Sentence Definition and Extended definition- Free Writing. Vocabulary: Register specific -Incorporated into the LSRW tasks.	Assignment: Write your views on the tone of the marketing copy.	SEMINAR/D EBTE/CASES TUDY	<a href="https://www.slideshare.net/MFLORENCEDAYANA/professional-english-listening">https://www.slideshare.net/MFLORENCEDAYANA/professional-english-listening</a>
III	15.9.2022 TO 20.9.2022	NEGOTIATION STRATEGIES Listening: Listening to interviews of specialists / Inventors in fields (Subject specific) Speaking: Brainstorming.(Mind mapping). Small group discussions (Subject- Specific) Reading: Longer Reading text. Writing: Essay Writing (250 words) Vocabulary: Register specific - Incorporated into the LSRW tasks	Assignment: Write essays on knowledge Management & Business Ethics	PPT/SEMINAR	<a href="https://www.slideshare.net/alybaker/negotiation-strategies-10098449">https://www.slideshare.net/alybaker/negotiation-strategies-10098449</a>



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IV	22.9.22 To 29.9.22	PRESENTATION SKILLS Listening: Listening to lectures. Speaking: Short talks. Reading: Reading Comprehension passages Writing: Writing Recommendations Interpreting Visuals inputs Vocabulary: Register specific - Incorporated into the LSRW tasks	Test :1A - A UNIT I and II	TEST	<a href="https://www.sli&lt;br/&gt;deserve.com/lo&lt;br/&gt;rant/teaching-&lt;br/&gt;listening-&lt;br/&gt;speaking">https://www.sli deserve.com/lo rant/teaching- listening- speaking</a>
V	30.09.22 To 07.10.22	CRITICAL THINKING SKILLS Listening: Listening comprehension- Listening for information. Speaking: Making presentations (with PPT- practice). Reading: Comprehension passages –Note making. Comprehension: Motivational article on Professional Competence, Professional Ethics and Life Skills) Writing: Problem and Solution essay– Creative writing – Summary writing Vocabulary: Register specific - Incorporated into the LSRW tasks	Assignment: Role of corporate social responsibility in society	PPT/SEMINAR	<a href="https://www.slid&lt;br/&gt;eshare.net/Tauq&lt;br/&gt;eerabbas7/critic&lt;br/&gt;al-thinking-&lt;br/&gt;skills-ppt">https://www.slid eshare.net/Tauq eerabbas7/critic al-thinking- skills-ppt</a>
	10.10.22 TO 17.10.22	Nil	Model Exam		

*A. Nivedha*

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A. NIWEDHA

*le B. Anumathy*

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le B. ANUMATHY

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS: I B.COM A&F**  
**STAFF NAME : Mrs.K.BANUMATHY**

**SUBJECT: BASICS OF RETAIL MARKETING**  
**SUBJECT CODE: CC5AD**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	20.8.22 TO 30.8.22	Retailing – Definition – Retail Marketing Growth of organized retailing in India – Importance of retailing	Assignment: Future of retail stores in India	PPT/SEMINAR	<a href="https://www.slideshare.net/mebinoyjohn/retail-marketing-37168211">https://www.slideshare.net/mebinoyjohn/retail-marketing-37168211</a>
II	1.9.2022 TO 7.9.2022	Functions of Retailing – Characteristics of Retailing	Assignment: Online retail stores	SEMINAR/D EBTE/CASE STUDY	<a href="https://www.slideshare.net/gadekar1986/retailing-12816018">https://www.slideshare.net/gadekar1986/retailing-12816018</a>
II	8.9.2022 TO 13.9.2022	Types of Retailing – store retailing – Non-store retailing			
III	15.9.2022 TO 20.9.2022	Retail location factors – Branding in retailing – private labeling – Franchising concept	Assignment: Communication tools used in retailing	PPT/SEMINAR	<a href="https://www.slideshare.net/muthukk/retail-location-28329111">https://www.slideshare.net/muthukk/retail-location-28329111</a>
IV	22.9.22 To 29.9.22	Communication tools used in Retailing – Sales promotion, e-retailing- window display	Test : 1A - A UNIT I and II	TEST	<a href="https://www.slideshare.net/anirban0/retail-management-12137939">https://www.slideshare.net/anirban0/retail-management-12137939</a>
V	30.9.22 TO 7.10.22	Supply chain management – definition – importance – Role of information Technology in retailing.			
	10.10.22 TO 17.10.22	Nil	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : II B.Com AF**

**STAFF NAME: Dr.C.Nithya**

**SUBJECT: CORPORATE ACCOUNTING**

**SUBJECT CODE: CZ23A**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	11.7.22 to 31.7.22	Issue of shares - Types of shares - Reissue of shares	Types of shares	PPT/SEMINAR	<a href="http://www.accountingcoach.com/">http://www.accountingcoach.com/</a>
	2.8.22 to 10.8.22	Redemption of preference shares			
II	11.8.22 to 19.8.22	Issue of debentures - Redemption of debentures - Profit prior to incorporation.	Types of debentures	SEMINAR/CASE STUDY	<a href="http://www.accountingstudyguide.com/">http://www.accountingstudyguide.com/</a>
		Underwriting of shares and debentures			
III	22.8.22 to 30.8.22	Final accounts - Preparation of Profit & Loss account and Balance Sheet - Managerial Remuneration	Final accounts - Preparation of profit and loss account & Balance sheet	PPT/SEMINAR	<a href="http://www.futureaccountant.com/">http://www.futureaccountant.com/</a>
IV	1.9.22 to 16.9.22	Valuation of goodwill and shares - Meaning	Methods of valuation of shares	SEMINAR/CASE STUDY	<a href="http://www.education.svtuition.org/">http://www.education.svtuition.org/</a>
		Methods of valuation of goodwill and shares			
V	19.9.22to 7.10.22	Insurance accounts - Types - Final accounts of Life Insurance	Types of insurance accounts	TEST	<a href="https://icmai.in/studentswebsite/studymat.php">https://icmai.in/studentswebsite/studymat.php</a>
		Profit determination of Life Insurance			
	10.10.22 to 17.10.22	Nil	MODEL EXAM		

*C. Nithya*

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : II B.Com AF**

**SUBJECT: BANKING THEORY LAW AND PRACTICE**

**STAFF NAME: Ms. K.S PAVITHRA**

**SUBJECT CODE: CZ23C**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	11.7.22 to 31.7.22	Introduction to banking - Components of Indian banking - Indian banking system - Phases of development - Banking structure in India - Payment banks and small banks - Commercial banking - Definition - Classification of banks.	Banking structure in India	PPT/SEMINAR	<a href="http://www.lawcommissionofindia.nic.in/">http://www.lawcommissionofindia.nic.in/</a>
	2.8.22 to 10.8.22	Banking system - Universal banking - Commercial Banking - Functions - Roles of banks in economic development. Central Banking - Definition - Need - Principles - Central banking vs Commercial banking - Functions of central bank.			
II	11.8.22 to 19.8.22	Establishment - Objective - legal framework - Functions - SBI - Origin and history - Establishment - Indian subsidiaries - Foreign subsidiaries - Non - banking - Subsidiaries - Personal banking - International banking - Trade financing - Correspondent banking.	Draw the chart showing organisational structure of RBI	SEMINAR/CASE STUDY	<a href="http://www.rbi.org/">http://www.rbi.org/</a>
		Co-operative banks - Meaning and definition - Features - Cooperative banks vs commercial banks - Structure - NBFC - Role of NBFC - RBI Regulations - Financial sector reforms - Sukhmoy Committee 1985 - Narasimham Committee I and II - Prudential norms: Capital adequacy norms - Classification of assets and provisioning.			
III	22.8.22 to 30.8.22	Meaning - Services - E-banking and financial services - Initiatives - Opportunities - Internet banking - Meaning - Internet banking vs Traditional banking - Services - Drawbacks - Frauds on Internet banking. Mobile banking - Anywhere banking - Anytime banking - Electronic mobile wallets. ATM - Evolution - Concept - Features - Types - Electronic money - Meaning - Steps - Benefits.	Modes of payment in electronic banking	TEST	<a href="http://www.bankingombudsman.org/">http://www.bankingombudsman.org/</a>



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IV	1.9.22 to 16.9.22	Monetary policies - final sector reforms - Sakmoy Chakrevarthy committee 1985 - Narasiman committee I & II - Prudential norms capital adequacy norms - Classification of assets & provisional meaning - Structure of interest rates (Short and Long term) - Impacts of saving and borrowings.		PPT/SEMINAR	
		Opening - Types of accounts - FDR - Steps in opening account - Saving vs current account - 'Donatio Mortis Causa' - Passbook - Bank customer relationship - Special types of currents - KYC norms. Bank lending - lencing sources - Bank lending principles - Forms of lending - Loan evaluation process - securities of lending - Factors influencing bank lending - Negotiable.	Responsibilities / Obligation of the banker	TEST	<a href="https://www.pnbiindia.in/document/Banking_ombudsman.pdf">https://www.pnbiindia.in/document/Banking_ombudsman.pdf</a>
V	19.9.22to 7.10.22	Meaning - Components - Kinds of endorsements - Cheques payable to fictitious person - Endorsement by legal representative - Negotiation bank - Effect of endorsement - Rules regarding endorsement. Paying banker - Banker's duty - Dishonouring of cheques - Discharge of paying banks - Payments of a crossed cheque payment.	Regulators for Non Banking Financial Company (NBFC)	PPT/SEMINAR	<a href="http://www.centralbankofindia.co.in/en/Banking_Ombudsman_Scheme_2021">http://www.centralbankofindia.co.in/en/Banking_Ombudsman_Scheme_2021</a>
		Collecting banker - Statutory protection under section 131 - Collecting bankers duty - RBI instruction - Paying banker vs Collecting banker - Customer grievances - Grievances redressal - Banking Ombudsman.			
	10.10.22 to 17.10.22	Nil	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS : II B.Com AF  
STAFF NAME: Ms.K.BANUMATHY**

**SUBJECT: MARKETING  
SUBJECT CODE: CZ23D**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	11.7.22 to 31.7.22	Introduction to marketing - Meaning - Definition and functions of marketing - Marketing orientation	Marketing begins with customer and ends with customers - Discuss	PPT/SEMINAR	<a href="https://www.ama.org/the-definition-of-marketing-what-is-marketing/">https://www.ama.org/ the-definition-of- marketing-what-is- marketing/</a>
	2.8.22 to 10.8.22	Role and importance of marketing - Classification of markets.			
II	11.8.22 to 19.8.22	Market segmentation - Concept - Benefits - Basis and Levels	"A product is a set of tangible and intangible attributes" - Explain	SEMINAR/CASE STUDY	<a href="https://www.marketingmanagementsolutions.net/">https://www.marketing managementsolution s.net/</a>
		Introduction to consumer behaviour - Need for study - Consumer buying decision process - Buying motives.			
III	22.8.22 to 30.8.22	Market Mix. Product - Meaning - Introduction to stages of new product development - Types	Explain various kinds of pricing	PPT/SEMINAR	<a href="https://salesandmarketing.com/">https://salesandmarke ting.com/</a>
IV	1.9.22 to 16.9.22	Introduction to PLC - Product mix - Price - Pricing policies and methods		SEMINAR/CASE STUDY	<a href="https://www.sciencedirect.com/journal/industrial-marketing-management">https://www.scienced irect.com/journal/ind ustrial-marketing- management</a>
		Channels of distribution (Levels) - Channel Members - Promotion	Discuss the factors determining the choice of a suitable channel of distribution	TEST	<a href="https://business.humber.ca/programs/marketing-management.html">https://business.humb er.ca/programs/marke ting- management.html</a>
V	19.9.22to 7.10.22	Communication Mis - Basics of advertising, sales promotion and personal selling.			



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		Recent trends in marketing. A basic understanding of E-Marketing, Consumerism, Market research, MIS and Marketing regulations.	SWOT Analysis		
	10.10.22 to 17.10.22	Nil	Model Exam		

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**K. BANUMATHY**  
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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : II B.Com AF**

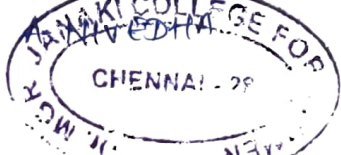
**STAFF NAME: Ms.A.NIVETHA**

**SUBJECT: FINANCIAL REPORTING**

**SUBJECT CODE: CA23A**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	11.7.22 to 31.7.22	Balance sheet - income statement - Statement of Comprehensive Income - Statement of changes - in equity - Statement of cash flows - Integrated reporting	Financial reports of companies	PPT/SEMINAR	<a href="https://www.northone.com/blog/small-business/what-is-financial-reporting">https://www.northone.com/blog/small-business/what-is-financial-reporting</a>
	2.8.22 to 10.8.22	5-Step approach to Revenue Recognition - Certain Customer's Rights & Obligations	Inventory management		
II	11.8.22 to 19.8.22	Specific Arrangements - Matching principle, Accruals & Deferrals, Adjusting Journal Entries	Impairment and depreciation	SEMINAR/CASE STUDY	<a href="https://www.ifac.org/system/files/uploads/IPSASB/2020_08a_Presentation_FS_PP.pptx">https://www.ifac.org/system/files/uploads/IPSASB/2020_08a_Presentation_FS_PP.pptx</a>
		Cash & Cash Equivalents - Accounts Receivable - Notes Receivable - Transfers & Servicing of Financial Assets			
III	22.8.22 to 30.8.22	Accounts Payable - Employee-related Expenses Payable - Determining Inventory & Cost of Goods Sold - Inventory Valuation - Inventory Estimation Methods		TEST	<a href="https://www.slideteam.net/example-presentation-of-financial-reports-powerpoint-presentation-slides.html">https://www.slideteam.net/example-presentation-of-financial-reports-powerpoint-presentation-slides.html</a>
IV	1.9.22 to 16.9.22	Acquisition of Fixed Assets - Capitalization of Interest - Costs Incurred After Acquisition - Depreciation - Impairment - Asset Retirement Obligation - Disposal & Involuntary Conversions	Legal rights based on intangibles	PPT/SEMINAR	<a href="https://www.business-case-analysis.com/accounting-cycle.html">https://www.business-case-analysis.com/accounting-cycle.html</a>
		Knowledge-based intangibles (R&D, software) - Legal rights based intangibles (patent, copyright, trademark, franchise, license, leasehold .			
V	19.9.22to 7.10.22	Paid-in capital - Retained earnings - Accumulated other comprehensive income - Stock dividends and stock splits - Stock options - Business Combinations & Consolidations - Differences between US GAAP and IFRS	Stocks split vs stock dividend	TEST	<a href="https://icmai.in/upload/AdvStudies/UPSC/20_08_22_4_30pmt09_30pm_2.pptx">https://icmai.in/upload/AdvStudies/UPSC/20_08_22_4_30pmt09_30pm_2.pptx</a>
	10.10.22 to 17.10.22	Full Revision	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING AND FINANCE)**

**LESSON PLAN**

**CLASS : II B.COM AF**

**STAFF NAME: Dr.P.LAKSHMI GAYATHRI**

**SUBJECT NAME: BUSINESS STATISTICS**

**SUBJECT CODE: CZ33A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 29.7.22	Meaning and Definition of Statistics- Collection and Tabulation of Statistical Data Presentation of Statistical Data- Graphs and Diagrams	Assignment: Graphs and Diagrams	PPT/SEMINAR	<a href="https://open.umn.edu/opentextbooks/textbooks/509">https://open.umn.edu/opentextbooks/textbooks/509</a>
II	2.8.22 to 10.8.22	Measures of Central Tendency- Arithmetic Mean, Median, Mode, Harmonic Mean and Geometric Mean. Measures of Variation- Standard Deviation -Mean Deviation- Quartile Deviation-Skewness and Kurtosis- Lorenz Curve	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE	<a href="https://open.umn.edu/opentextbooks/textbooks/509">https://open.umn.edu/opentextbooks/textbooks/509</a>
III	11.8.22 to 19.8.22	Simple Correlation-Scatter Diagram- Karl Pearson's Correlation- Spearman's Rank Correlation- Regression-Meaning-Linear Regression.	Assignment: Correlation	TEST	<a href="https://open.umn.edu/opentextbooks/textbooks/509">https://open.umn.edu/opentextbooks/textbooks/509</a>
IV	22.8.22 to 30.8.22	Analysis of Time Series-Causes of Variation in Time Series Data -Components of Time Series- Additive and Multiplicative Models- Determination of Trend By Semi Average,	Test : IA – 2 Unit III and IV	TEST	<a href="https://open.umn.edu/opentextbooks/textbooks/509">https://open.umn.edu/opentextbooks/textbooks/509</a>
	1.9.22 to 16.9.22	Moving Average and Least Square( Linear Second Degree And Exponential) Methods Computation of Seasonal Indices By Simple Average, Ratio to Moving Average, Ratio to Trend and Link Relative Methods	Assignment : Moving average Method	PPT/SEMINAR	<a href="https://open.umn.edu/opentextbooks/textbooks/509">https://open.umn.edu/opentextbooks/textbooks/509</a>
V	19.9.22 to 7.10.22	Meaning and Types of Index Numbers-Problems in Construction of Index Numbers Methods of Construction of Price and Quantity Indices- Test of Adequacy- Errors in Index Numbers- Chain Base Index Numbers- Base Shifting - Splicing -Deflation -Customer Price Index and Its Uses- Statistical Quality Control	Assignment: Types of Index Numbers	PPT/SEMINAR	<a href="https://open.umn.edu/opentextbooks/textbooks/509">https://open.umn.edu/opentextbooks/textbooks/509</a>
	10.10.22 to 17.10.22	NIL	Model Exam		

*P. Lakshmi Gayathri*

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DEPARTMENT OF COMMERCE (ACCOUNTING AND FINANCE) SHIFT 1

## LESSON PLAN

CLASS : II B.COM (A&F)  
STAFF NAME: Dr. D. JAMUNA RANI

SUBJECT NAME:RURAL ECONOMICS  
SUBJECT CODE: CZ33B

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.07.22 To 29.07.22	Structure of the Rural Economy of India- - Predominance of the Rural Sector in the Indian Economy- Features of the Indian Rural Economy.	Assignment: Predominance of the Rural Sector in the Indian Economy	PPT/SEMINAR	Features of Rural Economy - Indian Economy (brainkart.com)
II	02.08.22 To 10.08.22	Role of Agriculture in Rural Development- Pattern of Agricultural Holding - Strategy of Agricultural development and Green Revolution- Problems of Agricultural Labourers and Artisans in the Rural Economy- Measures to solve their problems.	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE	<a href="https://byjus.com/commerce/meaning-of-rural-development/">https://byjus.com/commerce/meaning-of-rural-development/</a>
III	11.08.22 To 19.08.22	Non-farm sector in the Rural Economy Role of Small Scale Industries, Cottage Industries, Khadi and Village Industries in the Rural Economy.	Assignment: Cottage Industries	PPT/SEMINAR	Cottage Industry (investopedia.com)
IV	22.08.22 To 30.08.22	Rural indebtedness- Causes and magnitude- Role of RBI, Commercial Banks, RRBs and NABARD in Rural Economy	Test : IA – 2 Unit III and IV	TEST	Rural development - Wikipedia
V	01.09.22 To 16.09.22	Poverty and unemployment problem in the Rural Economy- Steps taken to solve the problems	Assignment: Steps taken to solve the problems	PPT/SEMINAR	<a href="https://www.vedantu.com/commerce/rural-credit">https://www.vedantu.com/commerce/rural-credit</a>
	19.9.22 TO 7.10.22	Rural Development- Strategy for Rural Development with special reference to PURA.	Assignment Strategy for Rural Development with special reference to PURA.:	PPT/SEMINAR	WorkingPaper_Poverty_DoR_D_Sept_2020.pdf (rural.nic.in)
	10.10.22 TO 17.10.22	NIL	Model Exam		

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Dr. D. JAMUNA RANI



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**DEPARTMENT OF COMMERCE (ACCOUNTING AND FINANCE) SHIFT 1**

## LESSON PLAN

**CLASS : II B.COM (A&F)**

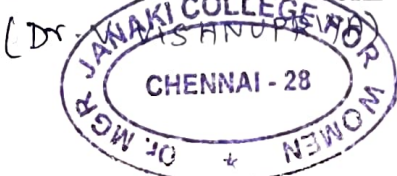
**STAFF NAME: Dr.V.VISHNUPRIYA**

**SUBJECT NAME: QUANTITATIVE APTITUDE**

**SUBJECT CODE: TSEN**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.07.22 To 29.07.22	Numbers - HCF and LCM, Indices and Surds - Square root and cube root	Assignment on Divisibility- H.C.F & LCM	PPT/SEMINAR	<a href="#">HCF and LCM (Definition, Formulas &amp; Examples) (byjus.com)</a>
II	02.08.22 To 10.08.22	Averages , Percentages, Ratio and Proportion Partnership - Profit and Loss, Allegation or Mixture	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE	<a href="#">With Cuemath's maths classes, experience the best maths education in India</a>
III	11.08.22 To 19.08.22	Time & Work - Pipes & Cistern - Time & Distances - Boats & Streams	Time & Distance	PPT/SEMINAR	<a href="#">How to calculate speed, distance and time - BBC Bitesize</a>
IV	22.08.22 To 30.08.22	Simple Interest - Compound Interest, Stocks & Shares, True Discount - Bankers Discount - Stocks & Shares	Test : IA – 2 Unit III and IV	TEST	<a href="#">Simple Interest (S.I) - Definition, Formula, and Example Problems (byjus.com)</a>
V	01.09.22 To 16.09.22	Logarithms, Area, Volume and Surface Area - Heights and Distances – Tabulation, Bar Chart - Line Graph-	Assignment on Area and Volume	PPT/SEMINAR	<a href="#">area-and-volume-formulas.pdf (nova.edu)</a>
	19.9.22 TO 7.10.22	Heights and Distances – Tabulation, Bar Chart - Line Graph	Assignment Heights & Distances	PPT/SEMINAR	<a href="#">Heights and Distances: Formulas, Trigonometric Ratios, Uses - Embibe</a>
	10.10.22 TO 17.10.22	NIL	Model Exam		

*V. Vishnupriya*  
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DEPARTMENT OF COMMERCE (ACCOUNTING AND FINANCE) SHIFT 1

**LESSON PLAN**

CLASS : II B.COM (A&F)  
STAFF NAME: Ms. PAVITHRA

SUBJECT NAME: ENVIRONMENTAL STUDIES PROGRAMME  
SUBJECT CODE: ENV4B

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.07.22 To 31.07.22	Multidisciplinary nature of environmental studies; Scope and importance; concept of sustainability and sustainable development	Multidisciplinary nature of environmental studies- Components	PPT/SEMINAR	<a href="https://takelessons.com/en-in/biolog">https://takelessons.com/en-in/biolog</a>
II	02.08.22 To 10.08.22	What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: Food chains, food webs and ecological succession, Case studies of the following ecosystem: Forest ecosystem	Energy Flow in Ecosystem	SEMINAR/ DEBATE	<a href="https://www.insightsonindia.com/">https://www.insightsonindia.com/</a>
III	11.08.22 To 19.08.22	Case studies of the following ecosystem: Forest ecosystem	Forest Ecosystem	PPT/SEMINAR	<a href="https://www.embibe.com">https://www.embibe.com</a>
IV	22.08.22 To 30.08.22	Grassland ecosystem - Desert ecosystem Aquatic ecosystem (ponds, stream, lakes, rivers, ocean, estuaries)	Grassland ecosystem Soil Erosion	TEST	<a href="https://www.sciencedirect.com">https://www.sciencedirect.com</a>
V	01.09.22 To 16.09.22	Land resources and land use change: Land degradation, soil erosion and desertification			
	19.9.22 TO 7.10.22	Deforestation : Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations	Strategies to reduce Deforestation	PPT/SEMINAR	<a href="https://byjus.com/biology/types-of-pollution">https://byjus.com/biology/types-of-pollution</a>
	10.10.22 TO 17.10.22	NIL	Model Exam		

*Pavithra*

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*K. Banumathy*

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS : III B.Com (A&F)**

**SUBJECT: ELEMENTS OF COST ACCOUNTING**

**STAFF NAME: Ms.A.Nivedha**

**SUBJECT CODE:CZ25A**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	11.07.2022 to 29.07.2022	Nature and scope of Cost Accounting, principles of Cost accounting - Cost Accounting and Financial Accounting - Cost Accounting Vs Management Accounting - Installation of Costing systems - Classification of costs - cost centres and profit centres.	Assignment: cost accounting vs management accounting	PPT/SEMINAR	<a href="http://www.accountinglectures.com">www.accountinglectures.com</a>
II	02.08.2022 to 10.08.2022	Meaning - Preparation of Cost Sheets. Reconciliation of cost and financial accounts	Test: IA-1 Unit 1 and II	SEMINAR/DEBATE/CASE STUDY	<a href="http://www.accountingcoach.com">www.accountingcoach.com</a>
III	11.08.2022 to 19.08.2022	Material control - Meaning and Objectives - Purchase of Materials - Stock levels of Materials - EOQ - Stores Records - ABC Analysis - VED	Assignment: Methods of wage payment and payroll procedures	PPT/SEMINAR	<a href="http://simplestudies.com/accounting-lectures.html">http://simplestudies.com/accounting-lectures.html</a>
III	22.08.2022 to 30.08.2022	Issue of materials – Methods of Issue - FIFO, Issue of materials - LIFO, HIFO, base stock method - Specific Price Method - SAM, WAM - Standard and Inflated price Method.			
IV	01.09.2022 to 09.09.2022	Direct Labour and Indirect Labour - Time Keeping - Methods and calculation of wage payments - Calculation of wage payments Labour cost – Computation and control. Time keeping Methods of wage payment . Time rate and piece rate system.	Test: IA-2 Unit III and IV	TEST	<a href="http://www.accountingstudyguide.com">www.accountingstudyguide.com</a>
IV	12.09.2022 to 16.09.2022	Different methods of Incentive payments - Idle time and over time - Labour turnover Meaning , causes and Measurement.	Assignment: Accounting and control of overheads		
IV	19.09.2022 to 27.09.2022	Overheads – Classification. Overheads – Allocation, Apportionment & Absorption - Basis of Allocation			
V	28.09.2022 to 7.10.2022	Preparation of Overhead distribution statement. Machine hour rate and computation of machine hour rate	Assignment: Manufacturing, administration	PPT/SEMINAR	<a href="https://www.slideshare.net/arathana/machine-hour-rate">https://www.slideshare.net/arathana/machine-hour-rate</a>
	10.10.2022 to 17.10.2022	NIL	Model Exam		

*A. Nivedha*  
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A. NIVEDHA

*K. Banumathy*  
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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS : III B.Com (A&F)**

**STAFF NAME: M.S ASMA FATHIMA**

**SUBJECT: PRACTICAL AUDITING**

**SUBJECT CODE: CZ25B**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	11.07.2022 to 20.07.2022	Meaning and definition of auditing – Distinction between auditing and accounting – objectives – Advantages and limitations of audit – scope of audit-classifications of audits – Audit planning, meaning – Audit programme, meaning, objectives and contents – audit note book, contents, usefulness of audit note book	Assignment: Electronic equipment's used for good internal check system	PPT/SEMINAR	<a href="http://www.osbornebookshop.co.uk/p/auditing_tutorial">http://www.osbornebookshop.co.uk/p/auditing_tutorial</a>
I	21.07.2022 to 29.07.2022	Audit working papers, meaning. Ownership and custody – Test checking and Routine checking, meaning- Internal control, meaning, definition, objectives, Technique for evaluation of internal control system – Internal check, meaning, objectives, difference between internal control, Internal check and internal audit.			
II	02.08.2022 to 10.08.2022	Vouching, meaning and definitions, objectives – Trading transactions – audit of ledger- Scrutinizing of ledgers - vouching of cash receipts and payments.	Test: IA-1 Unit 1 and II	SEMINAR/DEBATE/CASE STUDY	<a href="http://www.mu.ac.in">www.mu.ac.in</a>
II	11.08.2022 to 19.08.2022	Vouching of outstanding assets and liability – verification, meaning objectives and process – valuation of assets and liabilities-Distinction between verification and valuation.			
III	22.08.2022 to 30.08.2022	Types of Audit – Statutory Audit – Concurrent Audit – Stock Audit – Cost Audit – Secretarial Audit – CAG Audit – Management Audit	Assignment: List of standards issued by auditing standards board	PPT/SEMINAR	<a href="http://www.learnthat.com">www.learnthat.com</a>
III	01.09.2022 to 09.09.2022	Accounting Standards – Standards on Auditing Standards on Internal Audit – Penal Provisions – Role of National Financial Reporting Authority (NFRA)			
IV	12.09.2022 to 16.09.2022	Appointment – Procedures – Eligibility and Qualifications – Powers and Duties – Rotation and Removal of Auditors – Resignation of Auditors - Remuneration of Auditors - Audit report – Preparation and presentation	Test: IA-2 Unit III and IV	TEST	<a href="https://www.slideshare.net/rakshitporwal/audit-report-auditing-243734004">https://www.slideshare.net/rakshitporwal/audit-report-auditing-243734004</a>
IV	19.09.2022 to 27.09.2022	Auditor's Responsibilities and liabilities towards Shareholders, Board and Audit Committee. Restriction on other Services			
V	28.09.2022 to 7.10.2022	EDP audit – meaning -Division of auditing in EDP environment – Impact of computerization on audit approach – online computer system audit – Types of online computer systems – audit around with the computers – procedure of audit under EDP system - Green Audit - Introduction	Assignment: online computer systems	PPT/SEMINAR	<a href="https://www.slideshare.net/nurdalilazamri/chapter-6-39632860">https://www.slideshare.net/nurdalilazamri/chapter-6-39632860</a>
	10.10.2022 to 17.10.2022	NIL	Model Exam		

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M.S.Asma fathima



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Dr. BANMATHI

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS : III B.Com (A&F)**

**SUBJECT: : INCOME TAX LAW AND PRACTICE-I**

**STAFF NAME: Ms.K. BANUMATHY**

**SUBJECT CODE: CA25A**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	11.07.2022 to 20.07.2022	Meaning of Income – Features of Income Tax – Types – Important Definitions Under the Income Tax Act – Assessee – Types – Rates of Tax – Residential Status – Scope of Total Income – Incomes Exempt from tax.	Assignment: Residential status	PPT/SEMINAR	www.income taxindia.gov.in
II	21.07.2022 to 29.07.2022	Definition – Allowances – Valuation of perquisites – Deductions from Salary – Gratuity – Pension	Test: IA-1 Unit 1 and II	SEMINAR/DEBATE/CASE STUDY	www.income taxindiaefiling.gov.in
II	02.08.2022 to 10.08.2022	Commutation of Pension – Leave Salary – Profits in lieu of Salary - Provident Funds – Deductions under Sec. 80.			
III	11.08.2022 to 19.08.2022	Annual Value – Meaning and Computation – Deductions from Annual Value – Legal Provisions.	Assignment: Latest changes in house property	PPT/SEMINAR	www.onlineservices.tin.e gov-nsdl.com
IV	22.08.2022 to 30.08.2022	Income from Business or Profession – Allowable expenses – Not allowable expenses - General deductions	Test: IA-2 Unit III and IV	TEST	www.cleartax.in
IV	01.09.2022 to 09.09.2022	Provisions relating to Depreciation – Deemed Business Profits - Undisclosed incomes- Investments – Compulsory maintenance of Books of accounts –			
IV	12.09.2022 to 16.09.2022	Audit of Accounts of certain persons – Special provisions for Computing Incomes on estimated basis – Computation of Income from Business or Profession			
V	19.09.2022 to 26.09.2022	E-filing – Concept – Procedure - 26AS – TDS – Traces – Filing of Return – Various Returns – Permanent Account Number (PAN) – Usage of PAN – Concept of Transfer Pricing - Fundamentals.	Assignment: Uses of PAN card	PPT/SEMINAR	https://www.slideshare.net/RajatThakral3/presentation-on-e-filing-process
V	27.09.2022 to 07.10.2022	Permanent Account Number (PAN) – Usage of PAN – Concept of Transfer Pricing - Fundamentals.			
	10.10.2022 to 17.10.2022	NIL	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I**

**LESSON PLAN**

**CLASS : III B.Com (A&F)**

**SUBJECT: : FINANCIAL MANAGEMENT**

**STAFF NAME: Dr.C.NITHYA**

**SUBJECT CODE: CZ25D**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	11.07.2022 to 29.07.2022	Meaning and objectives of Financial Management - Functions of financial management Finance - Sources of finance - Role of financial manager in Financial Management. Financial Goals- Profit maximization Vs. Wealth maximization – Concept of Time Value of Money- Risk and Return.	Assignment: Profit Maximization Vs Wealth Maximization	PPT/SEMINAR	www.cpdwise.com
II	02.08.2022 to 10.08.2022	Capital Structure- Meaning- Capital Structure Theories-Definition	Test: IA-1 Unit 1 and II	SEMINAR/DEBATE/CASE STUDY	<a href="http://www.simplilearn.com">www.simplilearn.com</a>
II	11.08.2022 to 19.08.2022	Leverage			
II	22.08.2022 to 30.08.2022	Cost of Equity Capital – Cost of Preference Capital – Cost of Debt – Cost of Retained Earnings – Weighted Average cost of capital (WACC) Capital Structure Definition -			
III	01.09.2022 to 09.09.2022	Meaning - Dividend policies – Factors affecting dividend payment - Provision on dividend payment in Company Law Various Dividend Models (Walter's Gordon's –M.M. Hypothesis)	Assignment: Dividend Policy	PPT/SEMINAR	www.findtutorials.com
IV	12.09.2022 to 16.09.2022	Working capital – Meaning and importance-Factors influencing working capital — Determining (or) Forecasting of working capital requirements. Working capital Operating Cycle.	Test: IA-2 Unit III and IV	TEST	www.studyfinance.com
V	19.09.2022 to 26.09.2022	Capital Budgeting Process – Cash flow estimation- Payback period _ Accounting Rate of Return – Net Present Value (NPV) – Net Terminal Value - Internal Rate of Return – Profitability Index	Assignment: 15 problems in Capital Budgeting	PPT/SEMINAR	<a href="https://www.sli-deshare.net/PANKAJPANDEY73/risk-analysis-in-capital-budgeting-60388609">https://www.sli-deshare.net/PANKAJPANDEY73/risk-analysis-in-capital-budgeting-60388609</a>
V	27.09.2022 To 07.10.2022	Capital Budgeting under Risk- Certainty Equivalent Approach and Risk – Adjusted Discount Rate – Decision Tree Analysis.			
	10.10.2022 to 17.10.2022	NIL	Model Exam		

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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS : III B.Com (A&F)**

**SUBJECT: PORTFOLIO MANAGEMENT**

**STAFF NAME: Ms. K.S PAVITHRA**

**SUBJECT CODE: CA45A**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	11.07.2022 to 20.07.2022	Portfolio - Meaning - Objectives - Terms relating to Portfolio - Securities	Assignment: Sources of investment information	PPT/SEMINAR	<a href="http://www.portfoliomanagement.in">www.portfoliomanagement.in</a>
I	21.07.2022 to 29.07.2022	Risk – Return Introduction to Portfolio Management – Role of Portfolio Managers.			
II	02.08.2022 to 10.08.2022	Time value- Computation of Present Value Interest Factor(PVIF), Future Value Interest Factor(FVIF),	Test: IA-1 Unit 1 and II	SEMINAR/ DEBATE/ CASE STUDY	www.sebi.gov.in
II	11.08.2022 to 19.08.2022	Present Value Interest Factor at an Annuity(PVIFA)			
II	22.08.2022 to 30.08.2022	Future Value Interest Factor at an Annuity (FVIFA) Simple Problems relating to it.			
III	01.09.2022 to 09.09.2022	Planning – Selection – Evaluation – Revision -Various Steps involved in Portfolio Development Theories relating to Portfolio Analysis	Assignment: Theory related to portfolio analysis	PPT/SEMINAR	www.moneycontrol.com
IV	12.09.2022 to 16.09.2022	Interpretation of Risk & Return – Mean – Variance Analysis - B(Beta) Measures. Portfolio Diversification – Bond Valuation	Test: IA-2 Unit III and IV	TEST	www.pms.sharekhan.com
IV	19.09.2022 to 26.09.2022	Portfolio Management Vs Wealth Management – Introduction to Derivatives – Futures Options – Swaps			
V	27.09.2022 to 07.10.2022	SEBI Regulations relating to Portfolio Operations. Note	Assignment: SEBI regulations relating to portfolio	PPT/SEMINAR	<a href="https://www.slideshare.net/ShrutiMohan5/portfolio-management-ppt">https://www.slideshare.net/ShrutiMohan5/portfolio-management-ppt</a>
	10.10.2022 to 17.10.2022	NIL	Model Exam		

*Pavithra K*  
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**DEPARTMENT OF COMMERCE (ACCOUNTING & FINANCE) - SHIFT I  
LESSON PLAN**

**CLASS : III B.Com (A&F)**

**SUBJECT: : VALUE EDUCATION**

**STAFF NAME: Ms. K. BANUMATHY**

**SUBJECT CODE: VAE5Q**

Unit	Date	Topics	Assignment & Test	Teaching Methodology	Web Resources
I	11.07.2022 to 20.07.2022	Value education-its purpose and significance in the present world – Value system – The role of culture and civilization – Holistic living	Assignment: Purpose of value education in the present world	PPT/SEMINAR	<a href="https://slideplayer.com/slide/15897133/">https://slideplayer.com/slide/15897133/</a>
I	21.07.2022 to 29.07.2022	Balancing the outer and inner – Body, Mind and Intellectual level – Duties and responsibilities			
II	02.08.2022 to 10.08.2022	Salient values for life – Truth, commitment, honesty and integrity, forgiveness and love, empathy and ability to sacrifice, care, unity, and inclusiveness, Self esteem and self confidence,	Test: IA-1 Unit 1 and II	SEMINAR/DEBATE/CASE STUDY	<a href="https://www.dypiemr.ac.in/images/value-added-courses/vac/Content-for-Value-Education.pdf">https://www.dypiemr.ac.in/images/value-added-courses/vac/Content-for-Value-Education.pdf</a>
II	11.08.2022 to 19.08.2022	punctuality – Time, task and resource management – Problem solving and decision making skills – Interpersonal and Intra personal relationship – Team work – Positive and creative thinking.			
III	22.08.2022 to 30.08.2022	Human Rights – Universal Declaration of Human Rights – Human Rights violations – National Integration – Peace and non-violence	Assignment: Dr.APJ Abdul Kalam's 10 points for enlightened citizenship	PPT/SEMINAR	<a href="https://www.slideshare.net/gi-emagdasoc/human-rights-universal-declaration-of-human-rights">https://www.slideshare.net/gi-emagdasoc/human-rights-universal-declaration-of-human-rights</a>
III	01.09.2022 to 09.09.2022	Dr.A P J Kalam's ten points for enlightened citizenship – Social Values and Welfare of the citizen – The role of media in value building.			
IV	12.09.2022 to 16.09.2022	Environment and Ecological balance – interdependence of all beings – living and non-living. The binding of man and nature – Environment conservation and enrichment.	Test: IA-2 Unit III and IV	TEST	<a href="https://www.slideshare.net/SandeepBagri3/environment-conservation">https://www.slideshare.net/SandeepBagri3/environment-conservation</a>
V	19.09.2022 to 26.09.2022	Social Evils – Corruption, Cyber crime, Terrorism – Alcoholism, Drug addiction – Dowry	Assignment: Write down the summary on "How to overcome social evils"	PPT/SEMINAR	<a href="https://www.slideshare.net/dollyloyal/sociallevils">https://www.slideshare.net/dollyloyal/sociallevils</a>
V	27.09.2022 to 07.10.2022	Domestic violence – untouchability – female infanticide – atrocities against women – How to tackle them.			
	10.10.2022 to 17.10.2022	NIL	Model Exam		

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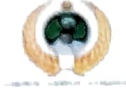
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**LESSON PLAN  
ODD & EVEN  
ACADEMIC YEAR 2022-2023**

**B.Sc. Microbiology  
&  
M.Sc. Applied Microbiology**



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**DEPARTMENT OF TAMIL  
LESSON PLAN**

**CLASS : All UG CLASS**  
**STAFF NAME: Vini Kumanan**

**SUBJECT NAME: GENERAL TAMIL**  
**SUBJECT CODE: LA11A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.8.22 to 30.8.22	மரபுக்கவிஞர்கள் -இலக்கியவரலாறு, பாரத சமுதாயம், ஒற்றுமைப்பாட்டு, உடல் நலம் பேணல், தமிழன் இதயம், குடும்பம் ஒரு கதம்பம், வருங்காலம் உண்டு, வழிப்பயணம்	Assignment: மரபுக்கவிஞர்கள் இலக்கிய வரலாறு	PPT/SEMINAR	DVR Audio Books
II	1.9.22 To 16.9.22	புதுக்கவிதை தோற்றம் வளர்ச்சி -இலக்கிய வரலாறுகாதல்- லீலை, பித்தன் ஒரு கடிதம் அனாதையாகிவிட்டது-நிழல்கள், ஒவ்வொரு புல்லையும் பெயர் சொல்லி அழைப்பேன், சொல்லில் உயர்வு தமிழ்ச்சொல்லே, விதைச்சோளம், இன்று நான் பெரிய பெண்	Assignment: புதுக்கவிதை தோற்றம், வளர்ச்சி	SEMINAR/ தமிழ் மொழியின் சிறப்பு	Mind and Words
III	19.9.22 To 29.9.22	நாட்டுப்புறப் பாடல்கள் தோற்றம், வளர்ச்சி, செய்யுள் -அம்பா பாடல்கள், விளையாட்டுப் பாடல்கள், நடவுப் பாட்டு	Test : IA – 1 Unit I and II	PPT/SEMINAR	MUSIC DROPS
IV	30.9.22 TO 7.10.22	சிறுகதை தோற்றம் வளர்ச்சி -இலக்கிய வரலாறு, சிறுகதைகள்-கனகாம்பரம், குமார புரம் ஸ்டேஷன், வெயிலோடு போய், வட்டக் கண்ணாடி, பிளாஸ்டிக் டப்பாவில் பராசக்தி முதலியோர், தமிழின்பம்	Assignment : தமிழின்பம்	PPT/SEMINAR	Web Tamil Nanban
V	10.10.22 TO 17.10.22	நாற்காலிக்காரர்-நாடகம்,	Model Exam		WebTamil Nanban

  
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**Dr. MGR-JANAKI COLLEGE  
OF ARTS & SCIENCE FOR WOMEN**



SATHYABAMA MGR MALIGAI  
11 & 13, Durgabai Deshmukh Road, Raja Annamalai Param, Chennai - 600 028  
Affiliated to the University of Madras

**DEPARTMENT OF MICROBIOLOGY**

**LESSON PLAN**

**CLASS : I BSC**

**SUBJECT NAME: GENERAL MICROBIOLOGY AND MICROBIAL PHYSIOLOGY**

**STAFF NAME: DR.R.VIDHYALAKSHMI**

**SUBJECT CODE: SN21A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I II	20.8.22 to 30.8.22	History of Microbiology- Contributions of Scientists- Spontaneous generation Vs Biogenesis hypothesis. Germ theory of diseases- Koch postulates, Classification of Microorganisms - Three Kingdom, Whittaker's Five Kingdom and Eight kingdom. Differences between prokaryotic and eukaryotic microorganisms, Microscopy: Light Microscopy - Simple, Compound, Dark field, Phase Contrast, Fluorescence and Electron Microscopy – SEM, TEM. Staining methods	History of Microbiology	PPT/ SEMINAR	2tyxsmp
II III	1.9.22 To 16.9.22	Staining methods–Principles. of staining, simple staining, negative staining, differential staining, Special Staining, Streak plate, Pour plate and Spread plate methods, Anaerobic culture – Anaerobic Jar. Sterilization. Methods of bacterial identification- morphological and Methods of bacterial identification- biochemical properties	Types of Microscopes	SEMINAR/ DEBATE	
III IV	19.9.22 To 29.9.22	Methods of Sterilization- Physical Methods - Mode of Action and Applications of Heat- Dry and Moist, Pasteurization and Tyndallisation. Culture media - Types Methods of bacterial identification- biochemical properties.		PPT/ SEMINAR	2tyxsmp <a href="https://classroom.google.com/c/NTM4NTA5NDQ2ODY5?c=2tyxsmp">https://classroom.google.com/c/NTM4NTA5NDQ2ODY5?c=2tyxsmp</a>
V	30.9.22 TO 7.10.22	Bacterial Growth, Generation time and Growth Curve , Photoautotrophs, Photoorganotrophs, Chemolithotrophs (Ammonia, Nitrite, Sulfur, Hydrogen, Iron oxidizing Bacteria), Chemoorganotrophs. Nutrition transport mechanisms – Passive diffusion and Active transport		PPT/ SEMINAR	2tyxsmp <a href="https://classroom.google.com/c/NTM4NTA5NDQ2ODY5?c=2tyxsmp">https://classroom.google.com/c/NTM4NTA5NDQ2ODY5?c=2tyxsmp</a>
V	10.10.22 TO 17.10.22	An overview of Metabolism - Embden Meyerhof Pathway, Entner-Doudoroff Pathway, Phosphorylation. -ATP synthesis Pentose Phosphate Pathway, Tricarboxylic Acid Cycle. Electron Transport Chain and Oxidative. Fermentation- Homolactic Fermentation, Heterolactic Fermentation, Mixed Acid Fermentation, Butanediol Fermentation Photosynthesis - An Overview of chloroplast structure. Photosynthetic Pigments, Light Reaction-Cyclic and non-cyclic Photophosphorylation. Dark Reaction - Calvin Cycle	Bacterial Anatomy		

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V. Nityakalyani  
HEAD, DEPT OF MICROBIOLOGY  
Dr. MGR JANAKI COLLEGE  
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**Dr. MGR-JANAKI COLLEGE  
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**DEPARTMENT OF TAMIL  
LESSON PLAN**

**CLASS : ALL UG 1st YEAR**  
**STAFF NAME: ViniKumari**

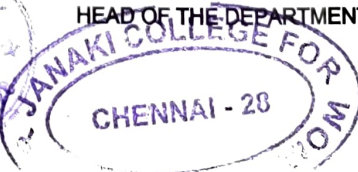
**SUBJECT NAME: GENERAL TAMIL**  
**SUBJECT CODE: LA12A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	செய்யுள்-நற்றிணை(87,88), குறுந்தொகை (46,88,89), கலித்தொகை(11), அகநானூறு (86), ஐங்குறுநூறு கிள்ளைப்பத்து, பரிபாடல் -செவ்வேள் 5, எட்டுத்தொகை - இலக்கிய வரலாறு	Assignment: எட்டுத்தொகை இலக்கிய வரலாறு	PPT/SEMINAR	KCSKNC TAMIL SURANGAm
II	18.01.23 to 31.01.23	புறநானூறு -182,192, பதிற்றுப்பத்து-56,57 பத்துப்பாட்டு -இலக்கிய வரலாறு, முல்லைப்பாட்டு முழுவதும்,	Test : IA – 1 Unit I and II	SEMINAR/ திருக்குறள்	Tamil literary Junction
III	01.02.23 to 17.02.23	பதினெண்கீழ்க்கணக்குநூல்கள்- இலக்கிய வரலாறு, திருக்குறள்-காலமறிதல்,, சுற்றந்தழால் கண்ணோட்டம்	Assignment: பதினெண்கீழ்க்கணக்கு நூல்கள்	TEST	KCSKNC Tamil Surangam
IV	20.02.23 to 02.03.23	நாலடியார் -ஈகை, முச்சங்க வரலாறு	Test : IA – 2 Unit III and IV	TEST	Web Tamil Nanban
V	03.03.23 to 09.04.23	மொழிப்பயிற்சி -இலக்கணக் குறிப்பு, ஒற்று மிகும்,மிகா இடங்கள்	Assignment : இலக்கண குறிப்புகள்	PPT/SEMINAR	Web Tamil Nanban
	10.4.23 To 20.4.23	NIL	Model Exam		

  
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**DEPARTMENT OF MICROBIOLOGY**

**LESSON PLAN**

**CLASS : I BSC**

**SUBJECT NAME: BASIC AND APPLIED IMMUNOLOGY**

**STAFF NAME: DR.R.VIDHYALAKSHMI**

**SUBJECT CODE: SN22A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	Revision on General Microbiology		PPT/SEMINAR	
II	18.01.23 to 31.01.23	Introduction - History, Scope of Immunology and Recent developments. Cells of Immune System. Hematopoiesis. Mononuclear - Phagocytic System. Lymphoid Organs. Primary – Thymus, Bone Marrow, and Bursa of Fabricius,	Milestones In Immunology  Test : IA – 1 Unit I and II	SEMINAR/ DEBATE	<a href="https://classroom.google.com/c/NTASMTg3NTI0NDQ5/m/NTASMTg3NTE5Mzg2/details">https://classroom.google.com/c/NTASMTg3NTI0NDQ5/m/NTASMTg3NTE5Mzg2/details</a>
III	01.02.23 to 17.02.23	Secondary - Lymph Node and Spleen. Tertiary - CALT, GALT and MALT. Innate and Acquired immunity. Humoral& Cell mediated immunity. Mechanism of immune response. Antigen - Types, Properties and Function. Haptens, Adjuvants.	Assignment : Immune Cells & Its Functioning After Vaccination	TEST	<a href="https://classroom.google.com/c/NTASMTg3NTI0NDQ5/m/NTgWODQ0NTQ1NzA3/details">https://classroom.google.com/c/NTASMTg3NTI0NDQ5/m/NTgWODQ0NTQ1NzA3/details</a>
IV	20.02.23 to 02.03.23	Antibody: Structure, and Types of antibody, Theories of Antibody formation. Monoclonal antibody. Complement pathways- Classical and Alternative pathways. Ag-Ab reaction- Immunohematology- ABO, In vitro methods In vivo methods: skin tests – Mantoux test.	Test : IA – 2 Unit III and IV Role Of Major Histocompatibility & Organ Transplantation	TEST	<a href="https://classroom.google.com/c/NTASMTg3NTI0NDQ5?cjc=6tpxyef">https://classroom.google.com/c/NTASMTg3NTI0NDQ5?cjc=6tpxyef</a>
V	03.03.23 to 09.04.23	Hypersensitivity-Introduction to Hypersensitivity Reactions. Type I –Type II Type III- Type IV- Mechanisms - Autoimmune disorders – Rheumatoid Arthritis and SLE. Major Histocompatibility complex (MHC) - Introduction, MHC types and pathways, Applications of MHC, Graft rejection Transplantation Immunology.	Assignment : Vaccine & Its Components	PPT/SEMINAR	<a href="https://classroom.google.com/c/NTASMTg3NTI0NDQ5?cjc=6tpxyef">https://classroom.google.com/c/NTASMTg3NTI0NDQ5?cjc=6tpxyef</a>
	10.4.23 To 20.4.23	Vaccines – Types- Live, Attenuated, Sub-unit and Recombinant Vaccines, Immunization schedule. Cancer immunology- Malignant tumors (leukemias and lymphomas)	Model Exam		<a href="https://classroom.google.com/c/NTASMTg3NTI0NDQ5/sa/NTgWODQ0NDQ3Njgy/details">https://classroom.google.com/c/NTASMTg3NTI0NDQ5/sa/NTgWODQ0NDQ3Njgy/details</a>

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*V. Vijayalakshmi*

**HEAD OF THE DEPARTMENT**



**HEAD, DEPT OF MICROBIOLOGY  
Dr. MGR JANAKI COLLEGE  
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CHENNAI - 600 028.**



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**DEPARTMENT OF MICROBIOLOGY**

**LESSON PLAN**

**CLASS : I BSC**

**STAFF NAME: DR.SHAHIN ZHIR**

**SUBJECT NAME: ALLIED BIOINSTRUMENTATION**

**SUBJECT CODE: SN32A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	Basic laboratory Instruments: Common laboratory equipment –anaerobic incubator.		PPT/SEMINAR	
II	18.01.23 to 31.01.23	Biosafety Cabinet - Principle and working of pH meter, Laminar-air –flow	BSC-TYPES Test : IA – 1	SEMINAR/ DEBATE	
III	01.02.23 to 17.02.23	Centrifugation: Types & principles and their applications- Lyophilizer - Flow cytometry.	Types of Centrifugation	TEST	<a href="https://www.sli-deshare.net/Ta-peshwarYadav1/centrifugation-53829391">https://www.sli-deshare.net/Ta-peshwarYadav1/centrifugation-53829391</a>
IV	20.02.23 to 02.03.23	Chromatographic techniques: Theory, principles and applications of paper, thin layer, Gel filtration, ion exchange. Electrophoretic techniques:Basic principles of electrophoresis, theory and application of paper,-agarose.	Chromatography Test : IA – 2	TEST	
V	03.03.23 to 09.04.23	Spectroscopy:Spectroscopic techniques, theory and applications of UV, Visible, IR, Fluorescence	Radio isotopes	PPT/SEMINAR	<a href="https://www.sli-deshare.net/sus-hma93/spectro-photometry-58791358">https://www.sli-deshare.net/sus-hma93/spectro-photometry-58791358</a>
	10.4.23 To 20.4.23	Radioisotopic techniques:Uses of radioisotopes in life sciences, radioactive labeling, Geiger-Muller and scintillation counter, autoradiography and its application	Model Exam	PPT/SEMINAR	

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Dr. MGR JANAKI COLLEGE  
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**Dr. MGR-JANAKI COLLEGE  
OF ARTS & SCIENCE FOR WOMEN**



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**DEPARTMENT OF TAMIL  
LESSON PLAN**

CLASS : All UG

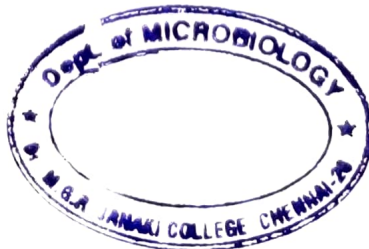
STAFF NAME: Dr. Vinikumari

SUBJECT NAME: GENERAL TAMIL

SUBJECT CODE: LA13A

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	சைவத்திருமுறைகள்-இலக்கிய வரலாறு, அற்புதத் திருவந்தாதி, திருஞானசம்பந்தர் - தேவாரம், திருநாவுக்கரசர் -தேவாரம், சுந்தரர் -தேவாரம்	Assignment: பக்தி இலக்கியங்கள்	PPT/SEMINAR	www.tamilvu.org
II	2.8.22 to 10.8.22	பன்னிரு ஆழ்வார்கள் -இலக்கிய வரலாறு, நாச்சியார் திருமொழி,முதலாழ்வார் மூவர்,நம்மாழ்வார்	Test : IA – 1 Unit I and II	SEMINAR/ ஆழ்வார்கள் பக்தி சிறப்பு	www.deivatamil. com
II	11.8.22 to 21.8.22	சித்தர்கள் வரலாறு, பைங்கிளிக்கண்ணி, பிள்ளைச்சிறு விண்ணப்பம், விநாயகர் துதி, திருமந்திரம், பராபரக்கண்ணி,தாய் தந்தையர் வணக்கம்	Assignment : திருமந்திரம்	PPT/SEMINAR	www.skapage.w ordpress.com
II	22.8.22 to 30.8.22	சிறுநிலக்கியங்கள் -இலக்கிய வரலாறு, முத்தொள்ளாயிரம், தமிழ்விடு தூது, நந்திக் கலம்பகம்,	Test : IA – 2 Unit III and IV	TEST	arrangameena.bl ogspot.com
III	1.9.22 to 16.9.22	ஒருபொருள் குறித்த பல சொல், பலபொருள் குறித்த ஒரு சொல்	Assignment : மொழிப்பயிற்சி	PPT/SEMINAR	www.tamilvu.org
IV	19.9.22 to 7.10.22	பிறமொழிச் சொல் நீக்கல், அலுவலகக் கடிதம், தமிழில் மொழி பெயர்த்தல்	Assignment : அலுவலகக் கடிதம்	www.tamilvu.org	http://www.tamil. vu.org
V	10.10.22 to 17.10.22	Nil	Model Exam		

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Affiliated to the University of Madras

**DEPARTMENT OF FRENCH**

**LESSON PLAN**

**CLASS : II YEAR**

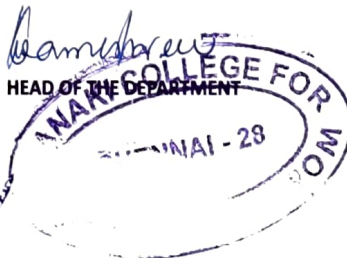
**SUBJECT NAME: FRENCH**

**STAFF NAME: Ms. KAMESHWARI. K.V**

**SUBJECT:FRENCH CODE: CLK3V**

LESSON N	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES <a href="http://www.french.fluentu.com">http://www.french.fluentu.com</a>
I	11.7.22 to 31.7.22	Nos études Ou Les Jumeaux rédigent la composition	Assignment: Les phrases simples	PPT/SEMINAR	
II	2.8.22 to 10.8.22	Les feuilles mortes ou Les enfants à l'oeuvre	Test : IA – 1 Unit I and II  Assignment	SEMINAR/ DEBATE/CASE STUDY	
III	11.8.22 to 21.8.22	Demain dès l'aube ou Douleur inconsolable	Le sensation de le narrateur	PPT/SEMINAR	<a href="http://www.fluentu.com">http://www.fluentu.com</a>
IV	22.8.22 to 30.8.22	Le libraire ou Le Capharnaüm	Test : IA – 2 Unit II and IV	TEST	
v	1.9.22 to 16.9.22	Par une journée d'été ou Quelle chaleur! Que de monde!	Assignment Le voyage en Bus très Fréquenté	PPT/SEMINAR	<a href="http://www.fluentu.com">http://www.fluentu.com</a>
VI & VII	19.9.22 to 7.10.22	Une visite inattendue ou Le père entre chez lui	Assignment : La visite de 'a qu'un chez vous	SEMINAR	
VIII	10.10.22 to 17.10.22	Le vrai père ou Le songe L'hiver ou Le petit moineau  LA RÉVISION	Assignment: Les oiseaux à l'hiver	PPT/SEMINAR  Model Exam	

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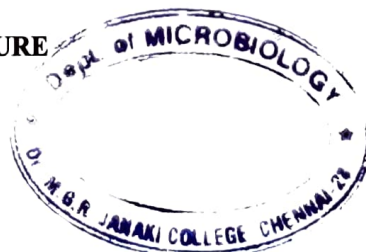
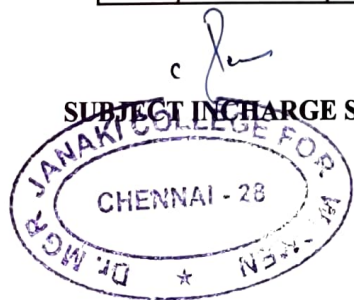
**DEPARTMENT OF MICROBIOLOGY (2022-2023 ODD SEMESTER)  
LESSON PLAN**

**CLASS : II B.Sc MICROBIOLOGY  
STAFF NAME: Dr.C.BANU REKHA**

**SUBJECT NAME: MOLECULAR BIOLOGY  
SUBJECT CODE: SN23A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Primary Structure of Nucleic acid i)Primary, Secondary & Tertiary structure of DNA ii)Forms of DNA. Properties of DNA (i) Denaturation, ii) Renaturation, iii) Supercoils & its type. Enzymology of replication (Polymerase, Gyrase, Topoisomerase, Helicase, Ligase & SSB protein).RNA types and its structure.	Assignment: RNA types and its structure.	PPT/Seminar	<a href="https://www.youtube.com/watch?v=o-6JXLYS-k">https://www.youtube.com/watch?v=o-6JXLYS-k</a>
II	2.8.22 to 10.8.22	Prokaryotic Replication (Semi conservative, Semi discontinuous- leading and lagging strand). Bacteriophage, M13.	Test : IA – 1 Unit I and II	PPT/Video	<a href="https://www.youtube.com/watch?v=ZDqsojQ8A5k&amp;t=19s">https://www.youtube.com/watch?v=ZDqsojQ8A5k&amp;t=19s</a>
II	11.8.22 to 21.8.22	X174 Replication, Rolling circle, Theta model. Genetic code.	Assignment : Genetic code.	Seminar	<a href="https://www.youtube.com/watch?v=ZDqsojQ8A5k">https://www.youtube.com/watch?v=ZDqsojQ8A5k</a>
II	22.8.22 to 30.8.22	Replication- Initiation, Elongation & Termination. Inhibitors of Replication.	Test : IA – 2 Unit III and IV	Test	<a href="https://www.youtube.com/watch?v=TNKWgcFPHqw">https://www.youtube.com/watch?v=TNKWgcFPHqw</a>
III	1.9.22 to 16.9.22	Transcription of Prokaryotes (Sigma factor, TATA box, closed & open complex (Initiation, Elongation & Termination).Post transcriptional modification in prokaryotes (tRNA, rRNA). Inhibitors of transcription	Assignment : Inhibitors of transcription	PPT/Video	<a href="https://www.youtube.com/watch?v=1b-bRVgqof0">https://www.youtube.com/watch?v=1b-bRVgqof0</a>
IV	19.9.22 to 7.10.22	Protein synthesis (Initiation, Elongation & Termination).Inhibitors of Protein synthesis. Aminoacylation of t-RNA	Assignment : Inhibitors of Protein synthesis	Seminar	<a href="https://www.youtube.com/watch?v=gG7uCskUOrA">https://www.youtube.com/watch?v=gG7uCskUOrA</a>
V	10.10.22 to 17.10.22	Gene regulation – Lac, Gal, Arb & Trp operon model.Regulation of translation. Regulation of the synthesis of ribosome, Feedback Inhibition	Model Exam	PPT/Video	<a href="https://www.youtube.com/watch?v=2uka13By3mk">https://www.youtube.com/watch?v=2uka13By3mk</a>

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*V. Nigamathy*



## Dr. MGR-JANAKI COLLEGE OF ARTS & SCIENCE FOR WOMEN



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### DEPARTMENT OF MICROBIOLOGY

#### LESSON PLAN


**CLASS : II B.Sc MICROBIOLOGY**  
**STAFF NAME: Dr.S.SAI SUBHASHINI**

**SUBJECT NAME: CLINICAL LAB TECHNOLOGY**  
**SUBJECT CODE: SN33A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Clinical measurement, organization of the clinical laboratory. Role of medical lab technician, clinical lab records. Safety regulation –first aid, Units of measurements – laboratory calculation. Quality control of lab findings, Glassware's plastic ware's used in lab. Calibration of volumetric apparatus, cleaning, care and maintenance	Assignment: organization of the clinical lab	PPT/SEMINAR	<a href="https://www.youtube.com/watch?v=MWJ-_Zwsj0U&amp;list=PLYFE1H86nRoPO9vIIQ4TsISplvR_ujIqy">https://www.youtube.com/watch?v=MWJ-_Zwsj0U&amp;list=PLYFE1H86nRoPO9vIIQ4TsISplvR_ujIqy</a>
II	2.8.22 to 10.8.22	Types of biological specimen's specimen collection procedures. Specimen collection of tissues , body fluids –blood, amniotic fluid, urine, mucus, serum and bile	Test : IA – 1 Unit I and II	SEMINAR	<a href="https://www.youtube.com/watch?v=6PG1dwIKpWA&amp;pp=ygUjc3BIY2ltZW4gY29sbGVjdGlubiBpbiBtaWNyb2Jpb2xvZ3k%3D">https://www.youtube.com/watch?v=6PG1dwIKpWA&amp;pp=ygUjc3BIY2ltZW4gY29sbGVjdGlubiBpbiBtaWNyb2Jpb2xvZ3k%3D</a>
II	11.8.22 to 21.8.22	Preservation of specimens. Haematology –Haemoglobin Methods of estimation of Hb, Haematocrit –RBC-MCV-MCH-MCHC	Assignment: blood disorders	PPT/SEMINAR	<a href="https://www.youtube.com/watch?v=K9cYoQ1BScl&amp;pp=ygUTYmlvbG9naWNhbCBzcGVjaW11bg%3D%3D">https://www.youtube.com/watch?v=K9cYoQ1BScl&amp;pp=ygUTYmlvbG9naWNhbCBzcGVjaW11bg%3D%3D</a>
III	22.8.22 to 30.8.22	Differential counts, reticulocyte count-ESR- Eosinophil count. Blood clotting Mechanism, Bleeding time-clotting time determination.	Test : IA – 2 Unit III and IV	TEST	<a href="https://www.youtube.com/watch?v=f4MiHUJii2k&amp;pp=ygUIZXNyIHRlc3Q%3D">https://www.youtube.com/watch?v=f4MiHUJii2k&amp;pp=ygUIZXNyIHRlc3Q%3D</a>
III	1.9.22 to 16.9.22	Components of routine urine analysis. Physical examination-colour, clarity, odour and specific gravity. Physical analysis- sugar, protein, ketone bodies, bile and bilirubin	Assignment : routine urine analysis	PPT/SEMINAR	<a href="https://www.youtube.com/watch?v=uxBCLb5cQpc&amp;pp=ygUKVVJITkFMWVNJUw%3D%3D">https://www.youtube.com/watch?v=uxBCLb5cQpc&amp;pp=ygUKVVJITkFMWVNJUw%3D%3D</a>
IV	19.9.22 to 7.10.22	Laboratory quality assessment, Laboratory standard accreditation boards –NABL,ISO and CAP, Errors – pre analytical, analytical and post analytical list of automated equipment	Assignment : ISO		<a href="https://www.youtube.com/watch?v=t3-HPVpZwEY&amp;pp=ygUVvGFib3JhdG9yeSBhc3Nlc3NtZW50">https://www.youtube.com/watch?v=t3-HPVpZwEY&amp;pp=ygUVvGFib3JhdG9yeSBhc3Nlc3NtZW50</a>
V	10.10.22 to 17.10.22	REVISION	Model Exam		–

  
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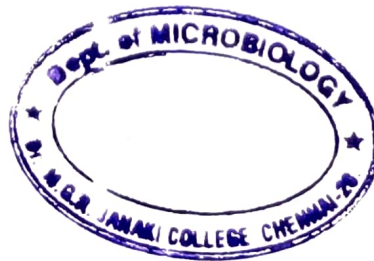
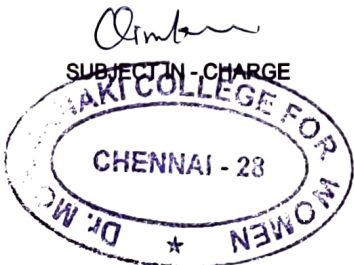


**DEPARTMENT OF TAMIL  
LESSON PLAN**

**CLASS : ALL UG  
STAFF NAME:**

**SUBJECT NAME : GENERAL TAMIL  
SUBJECT CODE: LA14A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	ஐம்பெருங்காப்பியங்கள்-தோற்றம், வளர்ச்சி, ஊர்காண் காதை, பாத்திர மரபு கூறிய காதை	Assignment : காப்பியங்கள் தோற்றம், வளர்ச்சி	PPT/SEMINAR	arrangameena. blogspot.com
I	02.01.23 to 17.01.23	ஐஞ்சிறுகாப்பியங்கள் தோற்றம் வளர்ச்சி ஏமாங்கத நாட்டு வளம், சூளாமணி-6 பாடல்கள்	Assignment : ஏமாங்கத நாட்டுவளம்	SEMINAR	arrangameena.bl ogspot.com
II	18.01.23 to 31.01.23	குகப்படலம், மெய்ப்பொருள் நாயனார் புராணம்	Test : IA – 1 Unit I & II	TEST	www.tamilvu.or g
III	01.02.23 to 17.02.23	இஸ்லாமியமும் தமிழும், சீறாப்புராணம்- உடும்பு பேசிய படலம், கறித்துவமும் தமிழும், வளன் சனித்த படலம்	Assignment: இஸ்லாமியமும் தமிழும்	SEMINAR/ PPT	tamizharulagam .in
IV	20.02.23 to 02.03.23	சிற்றிலக்கியங்கள் தோற்றம், வளர்ச்சி மீனாட்சியம்மை பிள்ளைத்தமிழ் - வருகைப்பருவம், திருக்குற்றாலக் குறவஞ்சி - மலைவளம்	Test : IA – 2 Unit III & IV	PPT	arrangameena. blogspot.com
V	03.3.23 to 7.4.23	மொழிப்பயிற்சி -கலைச்சொற்கள், சிறுகதை, புதுக்கவிதை எழுதப்பயிற்சி அளித்தல்	Assignment : தண்ணீர்- கவிதை	Study	www.tamililexic on.com
	10.4.23 to 20.4.23	NIL	Model Exam		



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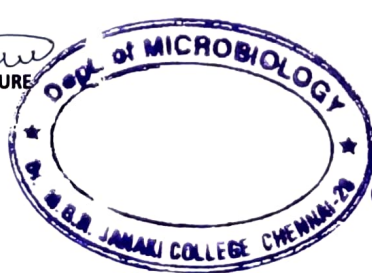
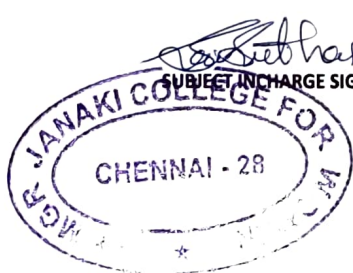
**LESSON PLAN**

**CLASS : II B.Sc.MICROBIOLOGY**  
**STAFF NAME: Dr.S.SAI SUBHASHINI**

**SUBJECT NAME: SOIL AND AGRICULTURAL MICROBIOLOGY**  
**SUBJECT CODE: SN24A**

UN IT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODO LOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Soil microbiology - quantitative and qualitative micro flora of different soils- role of microbes in soil fertility-	Assignment :Role of microbes in soil fertility	PPT/SEMIN AR	<a href="https://www.youtube.com/watch?v=3-fPd_7Egw&amp;pp=ygUnc29pbCBtaW Nyb29yZ2FuaXNtcyBhbmQgdGhla XIgZnVuY3Rpb25z">https://www.youtube.com/watch?v=3-fPd_7Egw&amp;pp=ygUnc29pbCBtaW Nyb29yZ2FuaXNtcyBhbmQgdGhla XIgZnVuY3Rpb25z</a>
I	02.01.23 to 17.01.23	Tests for soil fertility soil structure, soil formation characterization of soil types and importance	Assignment :Soil types and importance	SEMINAR	<a href="https://www.youtube.com/watch?v=bZIKv-o10BI&amp;pp=ygUYdGVzdCBm b3Igc29pbCBmZXJ0aWxpdHkg">https://www.youtube.com/watch?v=bZIKv-o10BI&amp;pp=ygUYdGVzdCBm b3Igc29pbCBmZXJ0aWxpdHkg</a>
II	18.01.23 to 31.01.23	Biogeochemical cycles-role of micro organisms, Carbon cycle, Phosphorous cycle, Sulphur cycle Methods of studying ecology of soil microorganisms Microbial gas metabolism - carbon dioxide Hydrogen, and methan Hydrogen sulphide	Test : IA – 1 Unit I & II	TEST	<a href="https://www.youtube.com/watch?v=cwUDIKC3dE&amp;pp=ygUVYmlvZ2V vY2h1bWljYWwgY3IjbjGVz">https://www.youtube.com/watch?v=cwUDIKC3dE&amp;pp=ygUVYmlvZ2V vY2h1bWljYWwgY3IjbjGVz</a>
III	01.02.23 to 17.02.23	Microbial interactions between microorganisms, plant and soil, Rhizoplane, rhizosphere, phyllosphere, spermosphere, mycorrhizae, Microbial association with insects-gut micro flora, Symbiosis between microbes and insects; Organic matter decomposition	Assignment : Microbial interaction with plant root.	SEMINAR	<a href="https://www.youtube.com/watch?v=9IIXdooH8Y4&amp;pp=ygUebWljcm9iaW FslGludGVyYWVWN0aW9ucyBpbiBzb 2ls">https://www.youtube.com/watch?v=9IIXdooH8Y4&amp;pp=ygUebWljcm9iaW FslGludGVyYWVWN0aW9ucyBpbiBzb 2ls</a>
IV	20.02.23 to 02.03.23	Nitrogen cycle; ammonification- nitrification- de-nitrification- nitrogen fixation- Bio-fertilizers (bacterial, cyanobacteria and azolla), mycorrhiza and its type and crop response-bio-pesticides (bacterial, viral and fungal) saprophytes for pathogen suppression.	Test : IA – 2 Unit III & IV	PPT	<a href="https://www.youtube.com/watch?v=K5EOZenSSB8&amp;pp=ygUObml0cm9 nZW4gY3IjbjGU%3D">https://www.youtube.com/watch?v=K5EOZenSSB8&amp;pp=ygUObml0cm9 nZW4gY3IjbjGU%3D</a>
V	03.3.23 to 7.4.23	Principles of plant infection and defense mechanisms Symptoms, Etiology, Epidemiology and Management of bacterial Disease –Citrus canker, blight of paddy Symptoms, Etiology, Epidemiology and Management of fungal disease Red rot of sugarcane, Black stem rust of wheat,	Assignment : Bacterial Plant disease	CASE STUDY	<a href="https://www.youtube.com/watch?v=0Vg6ycY3eXQ&amp;pp=ygUQcGxhbnQg aW5mZWV0aW9uLA%3D%3D">https://www.youtube.com/watch?v=0Vg6ycY3eXQ&amp;pp=ygUQcGxhbnQg aW5mZWV0aW9uLA%3D%3D</a>
V	10.4.23 to 20.4.23	Symptoms, Etiology, Epidemiology and Management of Tikka leaf spot, Wilt of cotton Symptoms, Etiology, Epidemiology and Management of Viral Disease – TMV, Vein clearing disease	Model Exam		

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**DEPARTMENT OF MICROBIOLOGY**

**LESSON PLAN**

**CLASS : II B.Sc MICROBIOLOGY**  
**STAFF NAME: Dr.S.SAI SUBHASHINI**

**SUBJECT NAME: ENVIRONMENTAL STUDIES**  
**SUBJECT CODE: ENV4B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Introduction to Environmental Studies. Multidisciplinary nature of Environmental studies Scope and importance; concept of sustainability and sustainable development	Assignment: Concept of Environmental studies	PPT/SEMINAR	<a href="https://www.youtube.com/watch?v=3F0qJpaSg6w&amp;pp=ygUmaW50cm9kdWN0aW9uIHRvIGVudmlyb25tZW50YWwgc3R1ZGllcyA%3D">https://www.youtube.com/watch?v=3F0qJpaSg6w&amp;pp=ygUmaW50cm9kdWN0aW9uIHRvIGVudmlyb25tZW50YWwgc3R1ZGllcyA%3D</a>
II	2.8.22 to 10.8.22	Ecosystem- Structure and function of ecosystem, Energy flow in an ecosystem, Ecological succession.	Test : IA – 1 Unit I and II	SEMINAR	<a href="https://www.youtube.com/watch?v=kIVajKJ7nrE&amp;pp=ygUKRUNPU1ITVEVNI A%3D%3D">https://www.youtube.com/watch?v=kIVajKJ7nrE&amp;pp=ygUKRUNPU1ITVEVNI A%3D%3D</a>
II	11.8.22 to 21.8.22	Natural Resources: Land resources, Deforestation. Water: Use and over-exploitation of surface and ground water	Assignment : Natural Resources	PPT/SEMINAR	<a href="https://www.youtube.com/watch?v=ajk-pvm5vfQ&amp;pp=ygUSbmF0dXJhbCBYcXNvdXJjZXMG">https://www.youtube.com/watch?v=ajk-pvm5vfQ&amp;pp=ygUSbmF0dXJhbCBYcXNvdXJjZXMG</a>
III	22.8.22 to 30.8.22	Energy resources: Renewable and non-renewable energy sources.	Test : IA – 2 Unit III and IV	TEST	<a href="https://www.youtube.com/watch?v=PLBK1ux5b7U&amp;pp=ygUkcmVuZXdhYmxlIGFuZCBub25yZW5ld2FibGUgcmlvZ3VyY2Vz">https://www.youtube.com/watch?v=PLBK1ux5b7U&amp;pp=ygUkcmVuZXdhYmxlIGFuZCBub25yZW5ld2FibGUgcmlvZ3VyY2Vz</a>
III	1.9.22 to 16.9.22	Levels of biological diversity: Biogeographic zones of India:	Assignment : Conservation of biodiversity	PPT/SEMINAR	<a href="https://www.youtube.com/watch?v=GK_vRtHJZu4&amp;pp=ygUMYmlvZGl2ZXJzaXR5">https://www.youtube.com/watch?v=GK_vRtHJZu4&amp;pp=ygUMYmlvZGl2ZXJzaXR5</a>
IV	19.9.22 to 7.10.22	Biodiversity patterns and global biodiversity hot spots  India as a mega- biodiversity nation, Endangered and endemic species of India	Assignment : India as mega biodiversity		<a href="https://www.youtube.com/watch?v=cQqHuN3npV8&amp;pp=ygUnZW5kYW5nZXJlZCBhbmQgZW5kZW1pYyBzcGVjaWVzIG9mIGluZGh">https://www.youtube.com/watch?v=cQqHuN3npV8&amp;pp=ygUnZW5kYW5nZXJlZCBhbmQgZW5kZW1pYyBzcGVjaWVzIG9mIGluZGh</a>
IV	10.10.22 to 17.10.22	Threats to biodiversity :  Ecosystem and biodiversity services.	Model Exam		<a href="https://www.youtube.com/watch?v=8lhqBhu7BrI&amp;pp=ygUidGhyZWFOcyB0byBiaW9kaXZlcnNpdHkgaW4gZW5nbGlzaA%3D%3D">https://www.youtube.com/watch?v=8lhqBhu7BrI&amp;pp=ygUidGhyZWFOcyB0byBiaW9kaXZlcnNpdHkgaW4gZW5nbGlzaA%3D%3D</a>

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**DEPARTMENT OF MICROBIOLOGY**

**LESSON PLAN**

**CLASS : II B.Sc.MICROBIOLOGY**  
**STAFF NAME: Dr.S.SAI SUBHASHINI**

**SUBJECT NAME: ENVIRONMENTAL STUDIES**  
**SUBJECT CODE: ENV4B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
V	07.12.22 to 24.12.22	Environmental pollution: types, causes, effects and controls: Air Environmental pollution: types, causes, effects and controls: Water, soil and noise Pollution Nuclear hazards and human health risks	Assignment : Environmental Pollution	PPT/SEMINAR	<a href="https://www.youtube.com/watch?v=7qkaz8Chell&amp;pp=ygUXZW52aXJvbml1bnRhbCBwb2xsdXRpb24%3D">https://www.youtube.com/watch?v=7qkaz8Chell&amp;pp=ygUXZW52aXJvbml1bnRhbCBwb2xsdXRpb24%3D</a>
VI	02.01.23 to 17.01.23	Solid waste management: Control measures of urban and industrial waste. Pollution case studies. Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture	Assignment : Globalwarming	SEMINAR	<a href="https://www.youtube.com/watch?v=TNMx4yEibM&amp;pp=ygUfc29saWQgd2FzdGUgbWVfYWdlbWVudCBwcm9qZWNOIA%3D%3D">https://www.youtube.com/watch?v=TNMx4yEibM&amp;pp=ygUfc29saWQgd2FzdGUgbWVfYWdlbWVudCBwcm9qZWNOIA%3D%3D</a>
VII	18.01.23 to 31.01.23	Environment Laws: Environment Protection Act, Air (Prevention & Control of Pollution) Act; Water (Prevention and Control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act.	Test : IA – 1 Unit I & II	TEST	<a href="https://www.youtube.com/watch?v=AoLZ8ZVIEfk&amp;list=PLTi5vjd4queOz9WA8seucavme32uRinwR">https://www.youtube.com/watch?v=AoLZ8ZVIEfk&amp;list=PLTi5vjd4queOz9WA8seucavme32uRinwR</a>
VI	01.02.23 to 17.02.23	International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD). Nature reserves, tribal populations and rights, and human Wildlife conflicts in Indian context	Assignment : International Agreement	SEMINAR	<a href="https://www.youtube.com/watch?v=0ui1O_sPQGQ&amp;pp=ygUvaW50ZXJvYXRpb25hbCBhZ3JlZW11bnRzIG9uIGVudmlyb25tZW50IHVnYyBuZXQ%3D">https://www.youtube.com/watch?v=0ui1O_sPQGQ&amp;pp=ygUvaW50ZXJvYXRpb25hbCBhZ3JlZW11bnRzIG9uIGVudmlyb25tZW50IHVnYyBuZXQ%3D</a>
VII	20.02.23 to 02.03.23	Human population growth, impacts on environment, human health and welfare. Resettlement and rehabilitation of projects affected persons; case studies. Disaster management: floods, earthquake, cyclone and landslides Environmental movements : Chipko, Silent Valley, Bishnois of Rajasthan.	Test : IA – 2 Unit III & IV	PPT	<a href="https://www.youtube.com/watch?v=seC2XZ34oK0&amp;pp=ygUTZGlzYXN0ZXJlgbWVfYWdlbWVudA%3D%3D">https://www.youtube.com/watch?v=seC2XZ34oK0&amp;pp=ygUTZGlzYXN0ZXJlgbWVfYWdlbWVudA%3D%3D</a>
VII	03.3.23 to 7.4.23	Environmental ethics : Role of Indian and other religions and cultures in environmental conservation. Environmental communication and public awareness, case studies(e.g. CNG Vehicles in Delhi)	Assignment : Environmental Conservation	CASE STUDY	<a href="https://www.youtube.com/watch?v=rT5HWxycy_uY&amp;pp=ygUaZW52aXJvbm11bnRhbCBjb25zZXJ2YXRpb24%3D">https://www.youtube.com/watch?v=rT5HWxycy_uY&amp;pp=ygUaZW52aXJvbm11bnRhbCBjb25zZXJ2YXRpb24%3D</a>
VIII	10.4.23 to 20.4.23	Visit to an area to document environmental assets: river / forest/ flora/ fauna etc. Visit to a local polluted site – Urban / Rural/ Industrial/ Agricultural Study of common plants, insects, birds and basic principles of identification. Study of simple ecosystem- pond, river, Delhi Ridge etc.	Model Exam		

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**DEPARTMENT OF MICROBIOLOGY**

**LESSON PLAN**

**CLASS: III B. Sc. MICROBIOLOGY**  
**STAFF NAME: Ms. M. G. ANU**

**SUBJECT NAME: MEDICAL BACTERIOLOGY**  
**SUBJECT CODE: SN25A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Classification and General Properties of medically important bacteria. Principles and specific procedures for the collection and transport of clinical samples from skin, respiratory tract (upper and lower), urinary tract, genital tract and blood.	Assignment: Classification of medically important bacteria	PPT/SEMINAR	www.microbenotes.com
II	2.8.22 to 10.8.22	Isolation of bacteria from clinical specimens: Primary media for the isolation of microorganisms, common staining procedures (Gram, Negative – Capsule, Acid fast and spore staining) and biochemical tests. Antimicrobial sensitivity testing by Kirby Bauer disc diffusion method and determination of MIC by broth dilution method.	Test: IA – 1 Unit I and II	PPT	www.ncbi.nlm.nih.gov
III	11.8.22 to 21.8.22	Morphology, cultural characteristics, pathogenicity, Laboratory diagnosis, prevention and treatment of diseases caused by the following organisms: <i>Staphylococcus aureus</i> , <i>Streptococcus pyogenes</i> , <i>Corynebacterium diphtheria</i>	Assignment: Nosocomial infections	PPT/SEMINAR	http://onlinelibrary.wiley.com
III	22.8.22 to 30.8.22	Morphology, cultural characteristics, pathogenicity, Laboratory diagnosis, prevention and treatment of diseases caused by the following organisms: <i>Mycobacterium tuberculosis</i> and <i>Mycobacterium leprae</i> , <i>Vibrio cholera</i> , <i>Haemophilus influenzae</i>	Test: IA – 2 Unit III and IV	TEST	www.onlinebiologynotes.com
IV	1.9.22 to 16.9.22	Morphology, cultural characteristics, pathogenicity, Laboratory diagnosis, prevention and treatment of diseases caused by the following organisms: <i>Pseudomonas aeruginosa</i> , <i>Bordetella pertussis</i> , <i>Escherichia coli</i> , <i>Salmonella typhi</i> , <i>Shigella</i> , <i>Bacillus anthracis</i> , <i>Brucella</i> , <i>Clostridium</i> (perfringens, tetani, botulinum), <i>Mycoplasma</i> .	Assignment: Zoonotic infection	PPT/SEMINAR	
IV	19.9.22 to 7.10.22	Morphology, cultural characteristics, pathogenicity, Laboratory diagnosis, prevention and treatment of diseases caused by the following organisms: <i>Proteus</i> , <i>Klebsiella pneumonia</i> , <i>Neisseria meningitidis</i> and <i>Neisseria gonorrhoea</i> , <i>Rickettsia rickettsii</i> , <i>Treponema Pallidum</i> , <i>Leptospira</i> , <i>Borrelia</i> and <i>Helicobacter pylori</i>		PPT	www.microbiologynotes.com
V	10.10.22 to 17.10.22		Model Exam		

SUBJECT INCHARGE SIGNATURE

*M. G. Anu*

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*V. Nigam*  
HEAD OF THE DEPARTMENT  
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CHENNAI - 600 028.





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**DEPARTMENT OF MICROBIOLOGY**

**LESSON PLAN**

**CLASS: III B. Sc. MICROBIOLOGY**  
**STAFF NAME: Ms. M. G. ANU**

**SUBJECT NAME: FOOD AND DAIRY MICROBIOLOGY**  
**SUBJECT CODE: SN26B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Food as a substrate for microorganisms -Microorganisms important in food microbiology; Molds, yeasts and bacteria - General Characteristics - Classification and importance. Food additives.	Assignment: Industrial sterilization methods	PPT/SEMINAR	www.microbenotes.com
II	2.8.22 to 10.8.22	Principles of food preservation - Asepsis - Removal of microorganisms, anaerobic conditions - High temperature - Low temperature - Drying	Test: IA – 1 Unit I and II	PPT	www.ncbi.nlm.nih.gov
III	11.8.22 to 21.8.22	Contamination and spoilage - Cereals, sugar products, vegetables and fruits, meat and meat products, milk, and milk products - Fish, Poultry	Assignment: Food sanitation and Employees health standard	PPT/SEMINAR	http://onlinelibrary.wiley.com
IV	22.8.22 to 30.8.22	Food borne infections and intoxications - bacterial, non -bacterial - Food borne disease outbreaks	Test: IA – 2 Unit III and IV	TEST	www.onlinebiologynotes.com
IV	1.9.22 to 16.9.22	Laboratory testing - preventing measures - Food sanitation - plant sanitation - Employees' health standards	Assignment: Fermented food products	PPT/SEMINAR	
V	19.9.22 to 7.10.22	Food fermentations: Bread cheese, vinegar, fermented vegetables (sauerkraut), fermented dairy products (yoghurt). Spoilage and defects of fermented dairy products - oriental fermented foods.			www.microbiologynotes.com
	10.10.22 to 17.10.22		Model Exam		

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*M. G. Anu*

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*V. Nityakalyani*





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### DEPARTMENT OF MICROBIOLOGY

#### LESSON PLAN

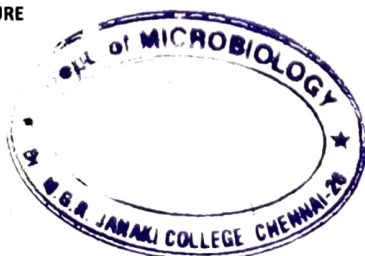
CLASS : I M.Sc Microbiology  
STAFF NAME: Dr. Shahin Banu

SUBJECT NAME: Microbial Metabolic Pathway  
SUBJECT CODE: MQ41A

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Enzymes – IUBMB classification and nomenclature, components Mechanism of enzyme reactions- Lock and key Mechanism and induced fit hypothesis, Factors influencing enzymatic activity-Inhibition of enzyme action – Regulation of enzyme synthesis.	Assignment: Mechanism of enzyme reactions	PPT/ Class room	<a href="https://www.youtube.com/watch?v=no36EgNHg6s">https://www.youtube.com/watch?v=no36EgNHg6s</a>
II	2.8.22 to 10.8.22	Principles of Bioenergetics - Structural features of biomembranes -Oxidation- reduction reactions- Generation of energy – Substrate Level and oxidation phosphorylation – Electron transport chain.	Test : IA – 1 Unit I and II	SEMINAR/ Class room	<a href="https://youtu.be/P2WD9iFePwo?si=dnhSxkNJ4llyip7U">https://youtu.be/P2WD9iFePwo?si=dnhSxkNJ4llyip7U</a>
III	11.8.22 to 21.8.22	Carbohydrate catabolism – Glycolysis – Pentose phosphate pathway - ED pathway – The Kreb's cycle.	Assignment : Glycolysis	PPT/ Class room	<a href="https://youtu.be/HrYRMknYHrk?si=MBUM_g5bo_v4Agrk">https://youtu.be/HrYRMknYHrk?si=MBUM_g5bo_v4Agrk</a>
III	22.8.22 to 30.8.22	Energy yielding glucolysis and aerobic respiration – Anaerobic respiration – Lactic acid fermentation - Alcohol fermentation.	Test : IA – 2 Unit III and IV	TEST	
IV	1.9.22 to 16.9.22	Lipid Metabolism – Oxidation of lipids; biosynthesis of fatty acids; triglycerides; phospholipids; sterols. Protein and aminoacid catabolism – Oxidation of inorganic molecules – Photophosphorylation	Assignment : Photophosphorylation	PPT/SEMINAR	<a href="https://www.youtube.com/watch?v=CBIp2ptNbUg&amp;list=PLyvXYqABoA5VJhgbkJK-Vttj1Ezh7HBXk">https://www.youtube.com/watch?v=CBIp2ptNbUg&amp;list=PLyvXYqABoA5VJhgbkJK-Vttj1Ezh7HBXk</a>
V	19.9.22 to 7.10.22	Biochemical pathways of energy use – Photosynthetic fixation of CO <sub>2</sub> –Biosynthesis of peptidoglycan. Biosynthesis of aminoacids – proline, serine, methionine, valine, tryptophan, histidine, Bio synthesis of purines and pyrimidines	Assignment : Bio synthesis of purines and pyrimidines	SEMINAR	<a href="https://youtu.be/1012EKWydffc?si=rmNMSLRxrvkvRaZL">https://youtu.be/1012EKWydffc?si=rmNMSLRxrvkvRaZL</a>
V	10.10.22 to 17.10.22	NIL	Model Exam		

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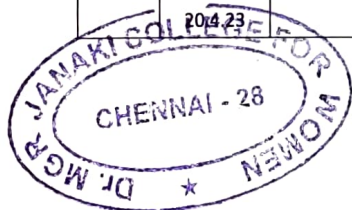
**DEPARTMENT OF MICROBIOLOGY**

**LESSON PLAN**

**CLASS : I M.Sc MICROBIOLOGY**  
**STAFF NAME: Dr. Shahin Zahir**

**SUBJECT NAME: MEDICAL BACTERIOLOGY**  
**SUBJECT CODE: MQ22B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Host Parasite relationships – Nonspecific host immune mechanisms. Philosophy and General approach to clinical conditions of various syndromes – general and specific syndromes.	Assignment : host immune mechanisms	PPT/Class room	<a href="https://www.youtube.com/watch?v=v1QH1v3R0E">https://www.youtube.com/watch?v=v1QH1v3R0E</a>
I	02.01.23 to 17.01.23	Indigenous normal microbial flora of human body. General attributes and virulence factors of bacteria causing infections	Assignment : virulence factors of bacteria	Classroom	<a href="https://www.youtube.com/watch?v=xwQ_YRJHwKA">https://www.youtube.com/watch?v=xwQ_YRJHwKA</a>
II	18.01.23 to 31.01.23	Definition – Epidemiology, epidemic, pandemic, endemic and sporadic diseases. Carriers and types. Ground rules for collection and dispatch of clinical specimens for microbiological diagnosis - Molecular diagnosis and Automated bacterial identification system (2D, MALDI-TOF MS) and Laboratory Automation (LIMS).	Test : IA – 1 Unit I & II	TEST Molecular diagnosis and Automated bacterial identification system	<a href="https://youtu.be/cMVyrrdgaYk?si=rdosx7wBZQ-vtCH">https://youtu.be/cMVyrrdgaYk?si=rdosx7wBZQ-vtCH</a>
III	01.02.23 to 17.02.23	Zoonotic diseases and their control: Anthrax, Brucellosis, Leptospirosis, Cat scratch disease & Salmonellosis. Nosocomial infections – Hospital Infection control committee and its functions – Hospital waste disposal practices.	Assignment : Hospital waste disposal practices	SEMINAR/ Classroom	<a href="https://youtu.be/gKSPSKiB9PE?si=GOzbCLcsYf-pyVsO">https://youtu.be/gKSPSKiB9PE?si=GOzbCLcsYf-pyVsO</a>
IV	20.02.23 to 02.03.23	Gram positive bacteria: Morphology, classification, cultural characteristics, pathogenicity, pathology, laboratory diagnosis and prevention – Control and treatment of diseases caused by the following organisms: Staphylococci, Streptococci, Pneumococci, Neisseriae (Gonococci & Meningococci), <i>Corynebacterium diphtheriae</i> , <i>Mycobacterium tuberculosis</i> , <i>Mycobacterium leprae</i> , <i>Clostridium tetani</i> , <i>Clostridium botulinum</i> .	Test : IA – 2 Unit III & IV	SEMINAR/ PPT	<a href="https://youtu.be/6P6zBH0WiGA?si=WYHlpDfrZQq0FOf3">https://youtu.be/6P6zBH0WiGA?si=WYHlpDfrZQq0FOf3</a>
V	03.3.23 to 7.4.23	Gram negative bacteria: Morphology, classification, cultural characteristics, pathogenicity, pathology, laboratory diagnosis and prevention – Control and treatment of diseases caused by the following organisms Shigella, Vibrios, Yersinia, Haemophilus. Gram negative anaerobes (Lactobacillus, Mobiluncus, Bacteroides & Fusobacterium), Spirochetes (Treponema, Borrelia), Rickettsiae, Chlamydia, Mycoplasma and ureaplasma.	Assignment : Gram negative anaerobes	SEMINAR/ PPT	<a href="https://youtube.com/shorts/g21sQWYjufI?si=36-g3G_I7TGEbYrb">https://youtube.com/shorts/g21sQWYjufI?si=36-g3G_I7TGEbYrb</a>
	10.4.23 to 20.4.23	NIL	Model Exam		



*Signature*  
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**DEPARTMENT OF MICROBIOLOGY**

**LESSON PLAN**

**CLASS: I M. Sc. MICROBIOLOGY**  
**STAFF NAME: Ms M. G. ANU**

**SUBJECT NAME: MEDICAL MYCOLOGY AND PARASITOLOGY**  
**SUBJECT CODE: MQ22C**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I, IV	07.12.22 to 24.12.22	MYCOLOGY: Introduction to Medical mycology – Structure, Morphology, cell differentiation and reproduction. Taxonomy. PARASITOLOGY: Introduction to Medical parasitology – classification, host-parasite relationships.	Assignment:	PPT/SEMINAR	www.microbenotes.com
I, IV	02.01.23 to 17.01.23	MYCOLOGY: Classification of fungi – Alexofolus and Mims (1979) & Blackwell (1996).  PARASITOLOGY: Epidemiology, life cycle, pathogenic mechanisms, lab diagnosis and treatment: Protozoa causing human infections–Entamoeba, Aerobic and Anaerobic amoebae.	Assignment:	SEMINAR	www.ncbi.nlm.nih.gov
II, IV	18.01.23 to 31.01.23	MYCOLOGY: Superficial mycoses: Dermatophytic infections. Subcutaneous mycoses - Fungi causing Eumycotic Mycetoma.  PARASITOLOGY: Epidemiology, life cycle, pathogenic mechanisms, lab diagnosis and treatment: Toxoplasma, Cryptosporidium, Leishmania, Trypanosoma, Giardia, Trichomonas and Balantidium.	Test: IA – 1 Unit I & IV	TEST	http://onlinelibrary.wiley.com
II, V	01.02.23 to 17.02.23	MYCOLOGY: Systematic mycosis: Dimorphic fungi. Dematiaceous fungi, Opportunistic fungal infections- Candidiasis, Aspergillosis, Cryptococcosis and Mucormycosis PARASITOLOGY: Classification, lifecycle, pathogenicity, laboratory diagnosis and treatment of: Helminths: cestodes – <i>Taeniasolium</i> , <i>T.saginata</i> , <i>T.echinococcus</i> .	Assignment:	SEMINAR/	www.onlinebiologynotes.com
III, V	20.02.23 to 02.03.23	MYCOLOGY: Detection and recovery of fungi from clinical specimens. Newer methods in diagnostic mycology. PARASITOLOGY: Classification, lifecycle, pathogenicity, laboratory diagnosis and treatment of Trematodes– <i>Fasciola hepatica</i> , <i>Fasciolopsis buski</i> , Paragonimus, Schistosomes.	Test: IA – 2 Unit III & IV	PPT	
III, V	03.3.23 to 7.4.23	MYCOLOGY: Immunity to fungal infections Mycotoxins. Antifungal agents- testing methods and quality control. PARASITOLOGY: Classification, lifecycle, pathogenicity, laboratory diagnosis and treatment of Nematodes: Ascaris, Ankylostoma, Trichuris, Trichinella, Enterobius, Strongyloides, Wuchereria. Other parasites causing infections in immunocompromised hosts and AIDS.	Assignment:	PPT	www.microbiologynotes.com
	10.4.23 to 20.4.23		Model Exam		



*Lalitha*  
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**DEPARTMENT OF MICROBIOLOGY**

**LESSON PLAN**

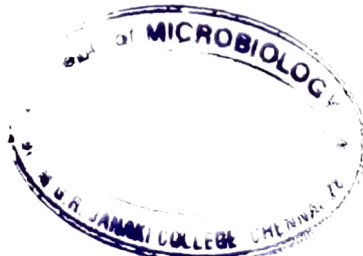
**CLASS : I M.Sc MICROBIOLOGY**  
**STAFF NAME: Dr. K GHANAPRIYA**

**SUBJECT NAME: VIROLOGY**  
**SUBJECT CODE: MQ22A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Discovery of virus and Importance of studying modern virology - Virus taxonomy, nomenclature, evolution, classification and ICTV.	Assignment : Importance of Viral study	PPT/SEMINAR	<a href="https://www.youtube.com/watch?v=Aykc_I8KycA">https://www.youtube.com/watch?v=Aykc_I8KycA</a>
I	02.01.23 to 17.01.2	General properties of viruses, general methods of diagnosis, cultivation and serology. Virioids, prions, satellite RNAs and virusoids	Assignment : Virioids, prions	SEMINAR/ GD	
II	18.01.23 to 31.01.23	Bacterial viruses-ΦX174, M13, MU, T4, lambda, Pi; structural organization, Lifecycle of phages: Lytic & Lysogenic cycle. Oncogenesis: oncogenic viruses, viral transformation by activation of cellular signal transduction pathways, via cell cycle control pathways.	Test : IA – 1 Unit I & II	TEST	<a href="https://www.youtube.com/watch?v=w7kdMPKZhGU">https://www.youtube.com/watch?v=w7kdMPKZhGU</a>
III	01.02.23 to 17.02.23	Plant viruses-TMV- general characters- morphology-replication-RNA as its initiator of infection. Cauliflower mosaic virus; Transmission of plant viruses by vectors and without vectors; common viral diseases of crop plants- paddy, cotton, tomato, and sugarcane. - name of the disease, pathogens and symptoms. Brief account on viruses of cyanobacteria, algae, fungi and insects.	Assignment : Viral Diseases of crops- Sugarcane, Paddy	SEMINAR/	<a href="https://www.youtube.com/watch?v=KrOC9K0IiYA">https://www.youtube.com/watch?v=KrOC9K0IiYA</a>
IV	20.02.23 to 02.03.23	DNA Viruses- Pox, Herpes, Adeno, Papova& Hepatitis B viruses; RNA Viruses: Picorna, Orthomyxo: Influenza(H1N1), Paramyxo:Rubula, Parainfluenza and Pneumovirus, Toga and other Arthropod-borne viruses- (Chikungunya, Dengue, West Nile and Yellow fever), Rhabdo, Rota, HIV and hepatitis C viruses. General account on pathogenesis and diagnosis of Emerging and re-emerging viral diseases – SARS, MERS, Ebola, Zika, Nipah and Monkey pox.	Test : IA – 2 Unit III & IV	PPT	
V	03.3.23 to 7.4.23	Epidemiology, Pandemic infection control and Diagnosis of viral diseases – importance of rapid diagnosis approach, and newer, emerging testing methods (in brief), Modern approaches of virus control: Antisense RNA, siRNA, ribozymes, viruses to destroy other viruses. Treatment of Viral Diseases: Antiviral agents, Viral Vaccines and Repurposed drug therapy. Viruses as therapeutic agents, viruses for gene delivery.	Assignment : Viruses as therapeutic agents	SEMINAR/GD	<a href="https://www.youtube.com/watch?v=Mt3fge843Ec">https://www.youtube.com/watch?v=Mt3fge843Ec</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

*K. Ghanapriya*  
SUBJECT INCHARGE SIGNATURE

*K. Ghanapriya*  
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#### LESSON PLAN

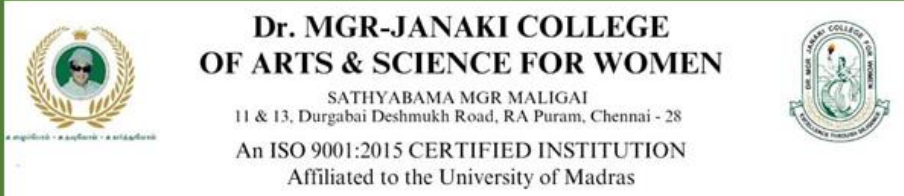
**CLASS: II M. Sc. APPLIED MICROBIOLOGY**  
**STAFF NAME: Ms. M. G. ANU**

**SUBJECT NAME: SOIL AND AGRICULTURAL MICROBIOLOGY**  
**SUBJECT CODE: MDTAD**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Characteristics and classification of soils; Soil Microorganisms; Interactions between microorganisms - Mutualism, commensalism, ammensalism, synergism, parasitism, predation, competition. Interaction of microbes with plants - rhizosphere, phyllosphere, spermosphere and mycorrhizae. Fertility of soil. Biogeochemical cycles – carbon, nitrogen,	Assignment: Different types of soil and mineral content	PPT/SEMINAR	www.microbenotes.com
II	2.8.22 to 10.8.22	Biogeochemical cycles – carbon, nitrogen, phosphorus, Sulphur cycles; mineralization, immobilization and oxidation/reduction. Symbiotic and Asymbiotic Nitrogen fixation – mechanism and genetics of Nitrogen Fixation.	Test: IA – 1 Unit I and II	SEMINAR	www.ncbi.nlm.nih.gov
III	11.8.22 to 21.8.22	Biofertilizers: Role of biofertilizers in agriculture and forestry - Rhizobium, Azotobacter, Azospirillum, VAM, Phosphobacteria, Azolla and Cyanobacteria. Biopesticides – Viral, bacterial, Fungal, Protozoan. Interrelationships between microorganisms, plants and soil - Enzymes of microbial origin and their role in release of available plant nutrients	Assignment: Bio-geochemical cycles	PPT/SEMINAR	http://onlinelibrary.wiley.com
III	22.8.22 to 30.8.22	Classification of plant diseases. Host-pathogen recognition and specificity. Principles of plant infection and defense mechanisms - entry of pathogen in to host, colonization of host; role of enzymes, toxins and growth regulatory substances	Test: IA – 2 Unit III and IV	TEST	www.onlinebiologynotes.com
IV	1.9.22 to 16.9.22	Defense mechanisms in plants - Structural and biochemical - Molecular aspects of host defense reactions - Lipoxygenase and other enzymes in the expression of disease resistance. Plant Diseases and Management: Etiology, Symptoms, Epidemiology and Disease management of the following plant diseases: Mosaic disease of tobacco; Bunchy top of banana; Leaf roll of potato; Bacterial blight of paddy; Angular leaf spot of cotton, Late blight of potato; Damping off of tobacco, Downy mildew of bajra;	Assignment: Natural pesticides and insecticides	PPT/SEMINAR	
V	19.9.22 to 7.10.22	Plant Diseases and Management: Etiology, Symptoms, Epidemiology and Disease management of the following plant diseases: Powdery mildew of cucurbits; Head smut of sorghum; Leaf rust of coffee; Blight of maize/sorghum; Leaf spot of paddy, Grassy shoot of sugar cane; Root knot of mulberry. Sanitation - physical, chemical and biological control. Plant disease forecasting. Biotechnological approaches to disease management.	Assignment:	PPT/SEMINAR	www.microbiologynotes.com
V	10.10.22 to 17.10.22		Model Exam		



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**LESSON PLAN**  
**ODD & EVEN**  
**ACADEMIC YEAR 2022 – 2023**

**BCA - Computer Application**



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**DEPARTMENT OF TAMIL  
LESSON PLAN**

**CLASS : All UG CLASS**


**SUBJECT NAME: GENERAL TAMIL**

**STAFF NAME: DR. VINIKUMARI & DR. PRIYA**

**SUBJECT CODE: LA11A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.8.22 to 30.8.22	மரபுக்கவிஞர்கள் -இலக்கியவரலாறு, பாரத சமுதாயம், ஒற்றுமைப்பாட்டு, உடல் நலம் பேணல், தமிழன் இதயம், குடும்பம் ஒரு கதம்பம், வருங்காலம் உண்டு, வழிப்பயணம்	Assignment: மரபுக்கவிஞர்கள் இலக்கிய வரலாறு	PPT/SEMINAR	DVR Audio Books
II	1.9.22 To 16.9.22	புதுக்கவிதை தோற்றம் வளர்ச்சி -இலக்கிய வரலாறுகாதல்- லீலை, பித்தன் ஒரு கடிதம் அனாதையாகிவிட்டது-நிழல்கள், ஒவ்வொரு புல்லையும் பெயர் சொல்லி அழைப்பேன், சொல்லில் உயர்வு தமிழ்ச்சொல்லே, விதைச்சோளம், இன்று நான் பெரிய பெண்	Assignment: புதுக்கவிதை தோற்றம், வளர்ச்சி	SEMINAR/ தமிழ் மொழியின் சிறப்பு	Mind and Words
III	19.9.22 To 29.9.22	நாட்டுப்புறம் பாடல்கள் தோற்றம், வளர்ச்சி, செய்யுள் -அம்பா பாடல்கள், விளையாட்டுப் பாடல்கள்,நடவுப் பாட்டு	Test : IA – 1 Unit I and II	PPT/SEMINAR	MUSIC DROPS
IV	30.9.22 TO 7.10.22	சிறுகதை தோற்றம் வளர்ச்சி -இலக்கிய வரலாறு, சிறுகதைகள்-கனகாம்பரம், குமார புரம் ஸ்டேஷன், வெயிலோடு போய்,வட்டக் கண்ணாடி,பிளாஸ்டிக் டப்பாவில் பராசக்தி முதலியோர்,தமிழின்பம்	Assignment : தமிழின்பம்	PPT/SEMINAR	Web Tamil Nanban
V	10.10.22 TO 17.10.22	நாற்காலிக்காரர்-நாடகம்,	Model Exam		WebTamil Nanban

  
SUBJECT IN-CHARGE

  
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Department of BCA & IT  
Dr. MGR JANAKI COLLEGE OF ARTS & SCIENCE  
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**Dr. MGR-JANAKI COLLEGE  
OF ARTS & SCIENCE FOR WOMEN**



SATHYABAMA MGR MALIGAI  
11 & 13, Durgabai Deshmukh Road, Raja Annamalai Puram, Chennai - 600 028

Affiliated to the University of Madras

**DEPARTMENT OF HINDI  
LESSON PLAN – ODD SEMESTER (2022 – 23)**

CLASS – II YEAR  
SUBJECT/CODE – HINDI/CLE3H  
STAFF NAME – Dr. RANJANA RAI

Date	Unit	Topic	Assignment	Test	Seminar
11/7/22- 31/7/22	I	1.कबीरदास के दोहे (1 से 5) 2.हिन्दी साहित्य का काल विभाजन	कबीरदास के दोहे भावार्थ		
2/8/22- 10/8/22	III I	1.कबीरदास के दोहे (6 से 10) 2.आदि काल नामकरण की समस्या 3.आदिकाल की परस्थितियाँ		काल विभाजन पर प्रश्न	
11/8/22- 21/8/22	III IV	2. आदिकाल के प्रमुख कवि और रचनाएँ 3. रासो की प्रमाणिकता 4. आदिकाल काव्य की विशेषताएँ	भ्रमरगीत की व्याख्या		कबीर के दोहे वाचन
22/8/22- 30/8/22	I IV	1.तुलसीदास – विनय के पद 2.भक्तिकाल की परस्थितियाँ 3.भक्तिकाल काव्य की विशेषताएँ		भक्ति काल प्रमुख कवि और रचनाएँ	
1/9/22- 16/9/22	II IV II	1.मीराबाई के पद (1- 2) 2.भक्ति काल के प्रमुख कवि और रचनाएँ 3.बिहारीलाल के दोहे (1 से 5)			मीराबाई के पदों का वाचन
19/9/22- 7/10/22	V II	1.रितिकाल की परस्थितियाँ 2. सुरदास – भ्रमरगीत (1,2,3,4 पद)	भ्रमरगीत की व्याख्या		
10/10/22- 17/10/22	II V	1.तिरुकुरल(धर्मकांड) 2.रितिकाल के प्रमुख कवि और रचनाएँ 3. रितिकाल काव्य की विशेषताएँ			
		पुनरावृत्ति			

[Ranjana Rai] for  
SUBJECT IN-CHARGE



P. [Signature]  
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Head of the Department  
Department of BCA & IT  
Dr MGR JANAKI COLLEGE OF ART & SCIENCE  
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**Dr. MGR-JANAKI COLLEGE  
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**DEPARTMENT OF HINDI  
LESSON PLAN – ODD SEMESTER (2022 – 23)**

**CLASS – I YEAR/ I SEMESTER**

**SUBJECT – HINDI**

**STAFF NAME – Dr. RANJANA RAI**

Date	Unit	Topic	Assignment	Test	Seminar
18/7/22- 29/7/22	I II	सभ्यता का रहस्य – प्रेमचंद पत्रों के प्रकार व्यक्तिगत पत्र		सभ्यता का रहस्य – सारांस	
1/8/22- 19/8/22	I II	मित्रता – आचार्य रामचंद्र शुक्ल सामाजिक पत्र हिन्दी पदनाम	मित्रता – सप्रसंग व्याख्या		
1/9/22 – 16/9/22	II III	यूवाओं से – स्वामी विवेकानन्द आवेदन पत्र कार्यालयीन टिप्पण कार्यालय आदेश बैंकिंग पत्र			स्वामी विवेकानन्द के बरे में विचार
19/9/22- 29/9/22	III IV VI	परमाणु उर्जा एवं खाद्य पदार्थसंरक्षण – वैज्ञानिक निबंध प्रशासनिक शब्दावली प्रपत्र आदेश पत्र अनुस्मारक सूचना तकनीकी शब्द		पत्रों के प्रकार	
30/9/22- 7/10/22	III IV V	योग्यता और व्यवसाय का चुनाव – माधवराव सप्रे पूछताछ पत्र बैंकिंग शब्दावली कार्यालय ज्ञापन, परपत्र	हिन्दी पदनाम		
10/10/22- 17/10/22	V VI	अधिसचनू पृष्ठांकन कार्यालय आदेश प्रेसविज्ञप्ति पुनरावृत्ति			

*Dr*  
[Ranjana Rai] *Ranjana Rai*  
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*PO*  
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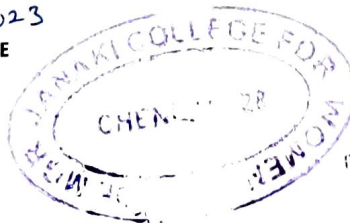
**DEPARTMENT OF FRENCH**

**LESSON PLAN**

**CLASS : I Year French**  
**SUBJECT NAME: French**  
**ODD SEM**  
**STAFF NAME: Ms. Kameshwari K.V.**  
**SUBJECT CODE: LK11A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.08.22 To 30.08.22	Saluer Contact avec quelqu'un Se presenter S'excuser	Assignment: Saluer	PPT/SEMINAR	<a href="http://www.urbanpro.com/french">http://www.urbanpro.com/french</a>
II	01.09.22 To 16.09.22	Enchanter!, Les pronom , L'articles défini l'article indéfini, les nombres, les dates, l'heure	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE	
III		l'article contracté, l'article partitif, le negation, le conjugaison- le présent...er Groupe et ir Groupe, les goûts	Assignment : Training process	TEST	
IV	19.09.22 To 29.09.22	Je veux bien Le futur, le passé composé, le futur proche, le passé récent, Les cartes postale: Invitation d'acceptance et le lettre de refus. L'impératif	Test : IA – 2 Unit III and IV	TEST	
V	30.09.22 To 07.10.22	On se voit quand? L'impératif L'imparfait Rendez vous par téléphone, le conditionnel, Message par électronique	Assignment : Control Process	PPT/SEMINAR	<a href="http://www.urbanpro.com/french">http://www.urbanpro.com/french</a>
VI		Bonne idée.. S'informer sur le prix, S'informer sur la quantité, Exprimer la qualité	Model Exam		

*Kameshwari*  
03/11/2023  
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**DEPARTMENT OF ENGLISH**

**LESSON PLAN**

**CLASS: I B.A ENGLISH**

**STAFF NAME: MS. AKSHAYA & MS. NANDINI**

**SUBJECT NAME: COMMUNICATIVE ENGLISH I**

**SUBJECT CODE: LZ11A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.8.22 to 30.8.22	Listening and Speaking a. Introducing self and others b. Listening for specific information c. Pronunciation (without phonetic symbols) i. Essentials of pronunciation ii. American and British pronunciation iii. Identifying topic sentences 2. Reading and Writing a. Reading short articles – newspaper reports / fact based articles i. Skimming and scanning ii. Diction and tone iii. Identifying topic sentences b. Reading aloud: Reading an article/report c. Journal (Diary) Writing 3. Study Skills - 1 a. Using dictionaries, encyclopaedias, thesaurus 4. Grammar in Context: Naming and Describing • Nouns & Pronouns • Adjectives	Assignment: Reading short articles – newspaper reports / fact based articles	PPT/SEMINAR	<a href="https://www.britannica.com/topic/grammar">https://www.britannica.com/topic/grammar</a>
II		1. Listening and Speaking a. Listening with a Purpose b. Effective Listening c. Tonal Variation d. Listening for Information e. Asking for Information f. Giving Information 2. Reading and Writing 1. a. Strategies of Reading: Skimming and Scanning b. Types of Reading: Extensive and Intensive Reading c. Reading a prose passage d. Reading a poem e. Reading a short story			

<p>II</p> <p>III</p>	<p>1.9.22 To 16.9.22</p>	<p>2. Paragraphs: Structure and Types</p> <ol style="list-style-type: none"> <li>a. What is a Paragraph?</li> <li>b. Paragraph structure</li> <li>c. Topic Sentence</li> <li>d. Unity</li> <li>e. Coherence</li> <li>f. Connections between Ideas: Using Transitional words and expressions</li> <li>g. Types of Paragraphs</li> </ol> <p>3. Study Skills II: Using the Internet as a Resource</p> <ol style="list-style-type: none"> <li>a. Online search</li> <li>b. Know the keyword</li> <li>c. Refine your search</li> <li>d. Guidelines for using the Resources</li> <li>e. e-learning resources of Government of India</li> <li>f. Terms to know</li> </ol> <p>4. Grammar in Context Involving Action-I</p> <ol style="list-style-type: none"> <li>a. Verbs</li> <li>b. Concord</li> </ol> <p>1. Listening and Speaking</p> <ol style="list-style-type: none"> <li>a. Giving and following instructions</li> <li>b. Asking for and giving directions</li> <li>c. Continuing discussions with connecting ideas</li> </ol> <p>2. Reading and writing</p> <ol style="list-style-type: none"> <li>a. Reading feature articles (from newspapers and magazines)</li> <li>b. Reading to identify point of view and perspective (opinion pieces, editorials etc.)</li> <li>c. Descriptive writing – writing a short descriptive essay of two to three paragraphs.</li> </ol> <p>3. Grammar in Context: Involving Action – II Verbals - Gerund, Participle, Infinitive</p> <ul style="list-style-type: none"> <li>• Modals</li> </ul>	<p>Assignment: writing a short descriptive essay of two to three paragraphs.</p>	<p>SEMINAR/ DEBATE</p>	<p><a href="https://www.learnamericanenglishonline.com/Write_in_English/WL10_types_of_paragraphs.html#:~:text=The%20four%20different%20types%20of,narrative%2C%20expository%2C%20and%20persuasive">https://www.learnamericanenglishonline.com/Write_in_English/WL10_types_of_paragraphs.html#:~:text=The%20four%20different%20types%20of,narrative%2C%20expository%2C%20and%20persuasive</a></p>
<p>IV</p>	<p>19.9.22 To 29.9.22</p>	<p>1. Listening and Speaking</p> <ol style="list-style-type: none"> <li>a. Giving and responding to opinions</li> </ol> <p>2. Reading and writing</p> <ol style="list-style-type: none"> <li>a. Note taking</li> <li>b. Narrative writing – writing narrative essays of two to three paragraphs</li> </ol> <p>3. Grammar in Context: Tense</p> <ul style="list-style-type: none"> <li>• Present</li> <li>• Past</li> <li>• Future</li> </ul>	<p>Test: IA – 1 Unit I and II</p>	<p>PPT/SEMINAR</p>	<p><a href="https://www.englishclub.com/grammar/verb-tenses.php">https://www.englishclub.com/grammar/verb-tenses.php</a></p>
<p>V</p>	<p>30.9.22 TO 7.10.22</p>	<p>1. Listening and Speaking</p> <ol style="list-style-type: none"> <li>a. Participating in a Group Discussion</li> </ol> <p>2. Reading and writing</p> <ol style="list-style-type: none"> <li>a. Reading diagrammatic information – interpretations maps, graphs and pie charts</li> <li>b. Writing short essays using the language of comparison and</li> </ol>	<p>Assignment: Writing short essays using the language of comparison and contrast</p>	<p>PPT/SEMINAR</p>	

		contrast 3. Grammar in Context: Voice (showing the relationship between Tense and Voice)			
	10.10.22 TO 17.10.22	NIL	Model Exam		



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Dr MGR JANAKI COLLEGE OF ART & SCIENCE  
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OF ARTS & SCIENCE FOR WOMEN**

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**DEPARTMENT OF COMPUTER APPLICATION**

**LESSON PLAN (JUN '22 – DEC '22)**

**SUBJECT NAME:** Problem Solving using Python

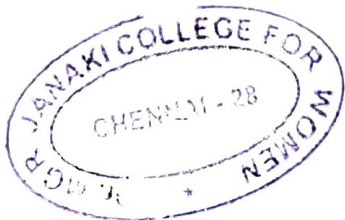
**SUBJECT CODE:** SE21A

**CLASS:** I BCA 'A' & 'B'

**STAFF INCHARGE:** Ms.N.S.Kothai, Ms.Ramya Vasudevan

UNIT	DATE	TOPICS	ASSIGNMENT/ TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.08.22 to 30.08.22	Introduction: The essence of computational problem solving – Limits of computational problem solving-Computer algorithms-Computer Hardware-Computer Software-The process of computational problem solving-Python programming language - Literals - Variables and Identifiers-Operators - Expressions and Data types, Input / output.	<b>Assignment:</b> The process of Computational problem solving	PPT/Lecture	<a href="https://www.w3schools.com/python/python_intro.asp">https://www.w3schools.com/python/python_intro.asp</a>
II	01.09.22 To 16.09.22	Control Structures: Boolean Expressions - Selection Control - If Statement-Indentation in Python- Multi-Way Selection -- Iterative Control- While Statement- Infinite loops- Definite vs. Indefinite Loops- Boolean Flag. String, List and Dictionary, Manipulations Building blocks of python programs, Understanding and using ranges.	<b>Assignment:</b> Multi-way Selection	PPT/Lecture	<a href="https://onlinecourses.swayam2.ac.in/cec22_cs20/preview">https://onlinecourses.swayam2.ac.in/cec22_cs20/preview</a>
III	19.09.22 To 29.09.22	Functions: Program Routines- Defining Functions- More on Functions: Calling Value-Returning Functions- Calling Non-Value-Returning Functions-Parameter Passing - Keyword Arguments in Python - Default Arguments in Python-Variable Scope. Recursion: Recursive Functions.	<b>Test :</b> IA – 1 Unit I and II	PPT/Lecture	<a href="https://www.w3schools.com/python/python_intro.asp">https://www.w3schools.com/python/python_intro.asp</a>
IV	30.09.22 TO 07.10.22	Objects and their use: Software Objects - Turtle Graphics – Turtle attributes-Modular Design: Modules - Top-Down Design - Python Modules - Text Files: Opening, reading and writing text files – Exception Handling.	<b>Assignment:</b> Python Modules	PPT/Lecture	<a href="https://www.w3schools.com/python/python_intro.asp">https://www.w3schools.com/python/python_intro.asp</a>
V	Dictionaries and Sets: Dictionary type in Python - Set Data type. Object Oriented Programming using Python: Encapsulation - Inheritance – Polymorphism. Python packages: Simple programs using the built-in functions of packages matplotlib, NumPy, pandas etc.				
	10.10.22 TO 17.10.22	NIL	Model Exam		

**Signature of the Staff In-charge**



**Signature of the HOD**

Head of the Department  
Department of BCA & IT  
Dr MGR JANAKI COLLEGE OF ARTS & SCIENCE  
R A Param Chennai 600028



**DEPARTMENT OF COMPUTER APPLICATION**

**LESSON PLAN (JUN '22 – DEC '22)**

**SUBJECT NAME:** Problem Solving using Python

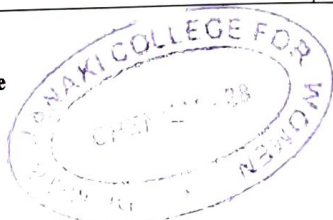
**SUBJECT CODE:** SE211

**CLASS:** I BCA 'A' & 'B'

**STAFF INCHARGE:** Ms.N.S.Kothai, Ms.Ramya Vasudevan

EX.NO	DATE	TOPICS	ASSIGNMENT/ TEST	TEACHING METHODOLOGY	WEB RESOURCES
1,2,3	20.08.22 to 30.08.22	1. Program to convert the given temperature from Fahrenheit to Celsius and vice versa depending upon the user's choice. 2. Write a Python program to construct the following pattern, using a nested loop 3. Program to calculate total marks, percentage and grade of a student. Marks obtained in each of the five subjects are to be input by user. Assign grades according to the following criteria: Grade A: Percentage >=80 Grade B: Percentage >=70 and 80 Grade C: Percentage >=60 and =40 and < 40		Lab Session/Hands-on Training	<a href="https://www.programiz.com/python-programming/examples">https://www.programiz.com/python-programming/examples</a>
4,5,6,7	01.09.22 To 16.09.22	4. Program, to find the area of rectangle, square, circle and triangle by accepting suitable input parameters from user. 5. Write a Python script that prints prime numbers less than 20. 6. Program to find factorial of the given number using recursive function. 7. Write a Python program to count the number of even and odd numbers from array of N numbers.		Lab Session/Hands-on Training	<a href="https://www.programiz.com/python-programming/examples">https://www.programiz.com/python-programming/examples</a>
8,9,10	19.09.22 To 29.09.22	8. Write a Python class to reverse a string word by word. 9. Given a tuple and a list as input, write a program to count the occurrences of all items of the list in the tuple. (Input: tuple = ('a', 'a', 'c', 'b','d'), list = ['a', 'b'], Output: 3) 10. Create a Savings Account class that behaves just like a Bank Account, but also has an interest rate and a method that increases the balance by the appropriate amount of interest (Hint: use Inheritance).	<b>Internal Test 1: Exercises 1-8</b>	Lab Session/Hands-on Training	<a href="https://www.programiz.com/python-programming/examples">https://www.programiz.com/python-programming/examples</a>
11,12,13,14,15	30.09.22 TO 07.10.22	11. Read a file content and copy only the contents at odd lines into a new file. 12. Create a Turtle graphics window with specific size. 13. Write a Python program for Towers of Hanoi using recursion 14. Create a menu driven Python program with a dictionary for words and their meanings. 15. Devise a Python program to implement the Hangman Game.		Lab Session/Hands-on Training	<a href="https://www.programiz.com/python-programming/examples">https://www.programiz.com/python-programming/examples</a>
	10.10.22 TO 17.10.22	NIL	Model Practical		

Signature of the Staff In-charge



Signature of the HOD

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**DEPARTMENT OF COMPUTER APPLICATION**

**LESSON PLAN (JUN '22 – DEC '22)**

**SUBJECT NAME:** PET

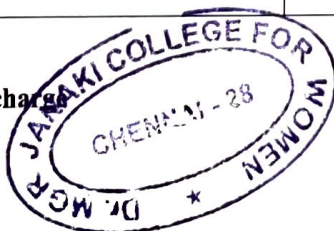
**SUBJECT CODE:** PZ1SA

**CLASS:** I BCA 'A' & 'B'

**STAFF INCHARGE:** Ms.N.S.Kothai, Ms.Ramya Vasudevan

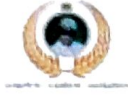
UNIT	DATE	TOPICS	ASSIGNMENT/ TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.08.22 to 30.08.22	<b>Listening:</b> Listening to audio text and answering questions-Listening to Instructions. <b>Speaking:</b> Pair work and small group work. <b>Reading:</b> Comprehension passages – Differentiate between facts and opinion. <b>Writing:</b> Developing a story with pictures. <b>Vocabulary:</b> Register specific - Incorporated into the LSRW tasks	<b>Assignment:</b> Developing a story with pictures	PPT/Lecture	<a href="https://www.myindiamyglory.com/2018/07/12/raman-effect-how-indian-scientist-cv-raman-discovered-why-sea-is-blue/">https://www.myindiamyglory.com/2018/07/12/raman-effect-how-indian-scientist-cv-raman-discovered-why-sea-is-blue/</a>
II	01.09.22 To 16.09.22	<b>Listening:</b> Listening to process description - Drawing a flow chart. <b>Speaking:</b> Role play (formal context). <b>Reading:</b> Skimming/Scanning- Reading passages on products, equipment and gadgets. Paragraph-Sentence Definition and Extended definition- Free Writing. <b>Vocabulary:</b> Register specific -Incorporated into the LSRW tasks. <b>Writing:</b> Process Description –Compare and Contrast	<b>Assignment:</b> Process Description	PPT/Lecture	<a href="https://www.myindiamyglory.com/2018/07/12/raman-effect-how-indian-scientist-cv-raman-discovered-why-sea-is-blue/">https://www.myindiamyglory.com/2018/07/12/raman-effect-how-indian-scientist-cv-raman-discovered-why-sea-is-blue/</a>
III	19.09.22 To 29.09.22	<b>Listening:</b> Listening to interviews of specialists / Inventors in fields (Subject specific). <b>Speaking:</b> Brainstorming. (Mind mapping). Small group discussions (Subject- Specific). <b>Reading:</b> Longer Reading text. <b>Writing:</b> Essay Writing (250 words). <b>Vocabulary:</b> Register specific - Incorporated into the LSRW tasks.	Test : IA – 1 Unit I and II	PPT/Lecture	<a href="https://www.myindiamyglory.com/2018/07/12/raman-effect-how-indian-scientist-cv-raman-discovered-why-sea-is-blue/">https://www.myindiamyglory.com/2018/07/12/raman-effect-how-indian-scientist-cv-raman-discovered-why-sea-is-blue/</a>
IV	30.09.22 TO 07.10.22	<b>Listening:</b> Listening to lectures. <b>Speaking:</b> Short talks. <b>Reading:</b> Reading Comprehension passages. <b>Writing:</b> Writing Recommendations- Interpreting Visuals inputs. <b>Vocabulary:</b> Register specific - Incorporated into the LSRW tasks.	<b>Assignment:</b> Motivational article	PPT/Lecture	<a href="https://www.myindiamyglory.com/2018/07/12/raman-effect-how-indian-scientist-cv-raman-discovered-why-sea-is-blue/">https://www.myindiamyglory.com/2018/07/12/raman-effect-how-indian-scientist-cv-raman-discovered-why-sea-is-blue/</a>
V		<b>Listening:</b> Listening comprehension- Listening for information. <b>Speaking:</b> Making presentations (with PPT- practice). <b>Reading:</b> Comprehension passages – Note making. Comprehension: Motivational article on Professional Competence, Professional Ethics and Life Skills). <b>Writing:</b> Problem and Solution essay– Creative writing– Summary writing. <b>Vocabulary:</b> Register specific - Incorporated into the LSRW tasks.			
	10.10.22 TO 17.10.22	NIL	Model Exam		

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**DEPARTMENT OF COMPUTER APPLICATION**

**LESSON PLAN**

**CLASS : II BCA**

**STAFF NAME: Ms. RESHMA, Ms. MEENAKSHI**


**SUBJECT NAME: DATA STRUCTURES**

**SUBJECT CODE: SZ23A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Abstract Data Types (ADTs)- List ADT- array-based implementation-linked list implementationsingly linked lists-circular linked lists-doubly-linked lists-applications of lists-	Assignment: List ADT	PPT/SEMINAR	<a href="http://www.incometaxindia.gov.in/">http://www.incometaxindia.gov.in/</a>
II	2.8.22 to 10.8.22	Polynomial Manipulation- All operations-Insertion-Deletion-Merge-Traversal. UNIT - II Stack ADT-Operations- Applications- Evaluating arithmetic expressions – Conversion of infix to Postfix expression	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	<a href="http://www.incometaxindia.gov.in/">http://www.incometaxindia.gov.in/</a>
II	11.8.22 to 21.8.22	Queue ADT-Operations-Circular Queue-Priority Queue- deQueue applications of queues. Tree ADT-tree traversals-Binary Tree ADT-expression trees-applications of trees-binary search	Assignment : binary search	PPT/SEMINAR	
II	22.8.22 to 30.8.22	Threaded Binary Trees-AVL Trees- B-Tree- B+ Tree – Heap-Applications of heap. UNIT - IV Definition-Representation of Graph- Types of graph-Breadth first traversal – Depth first traversal	Test : IA – 2 Unit III and IV	TEST	<a href="http://www.onlineservices.tin.egov-nsdl.com/">http://www.onlineservices.tin.egov-nsdl.com/</a>
III	1.9.22 to 16.9.22	Topological sort- Bi-connectivity – Cut vertex- Euler circuits-Applications of graphs. UNIT - V Searching- Linear search-Binary search-Sorting-Bubble sort-Selection sort-Insertion sort-Shell sort	Assignment : Binary search	PPT/SEMINAR	
IV	19.9.22 to 7.10.22	Radix sort-Hashing-Hash functions-Separate chaining- Open Addressing-RehashingExtendible Hashing.	Assignment : Extendible Hashing		<a href="http://www.clartax.in/">http://www.clartax.in/</a>
V	10.10.22 to 17.10.22	Nil	Model Exam		

  
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**DEPARTMENT OF COMPUTER APPLICATION**

**LESSON PLAN**

**CLASS : II BCA**  
**STAFF NAME: Ms. RESHMA, Ms. MEENAKSHI**

**SUBJECT NAME: DATA STRUCTURES**  
**SUBJECT CODE: S2231**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	LIST ADT USING ARRAY LIST ADT USING LINKED LISTS	Assignment: NIL	PPT/SEMINAR	<a href="http://www.incometaxindia.gov.in/">http://www.incometaxindia.gov.in/</a>
II	2.8.22 to 10.8.22	IMPLEMENTATION OF STACK USING SINGLY LINKED LIST IMPLEMENTATION OF QUEUE USING SINGLY LINKED LIST	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	<a href="http://www.incometaxindiaefiling.gov.in/">http://www.incometaxindiaefiling.gov.in/</a>
II	11.8.22 to 21.8.22	CONVERSION AND EVALUATION OF INFIX TO POSTFIX EXPRESSION IMPLEMENTATION OF PRIORITY QUEUE ADT	Assignment : NIL	PPT/SEMINAR	
II	22.8.22 to 30.8.22	IMPLEMENTATION OF BINARY SEARCH TREE IMPLEMENTATION OF AVL TREE	Test : IA – 2 Unit III and IV	TEST	<a href="http://www.onlineservices.tin.egov-nsdl.com/">http://www.onlineservices.tin.egov-nsdl.com/</a>
III	1.9.22 to 16.9.22	IMPLEMENTATION OF BFS FOR A GRAPH IMPLEMENTATION OF DFS FOR A GRAPH	Assignment : Binary search	PPT/SEMINAR	
IV	19.9.22 to 7.10.22	LINEAR SEARCHING METHOD BINARY SEARCHING METHOD BUBBLE SORTING METHOD SELECTION SORTING METHOD INSERTION SORTING METHOD RADIX SORTING METHOD	Assignment : Extendible Hashing		<a href="http://www.cl.eartax.in/">http://www.cl.eartax.in/</a>
V	10.10.22 to 17.10.22	Nil	Model Exam		

  
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**DEPARTMENT OF COMPUTER APPLICATIONS**

**LESSON PLAN**

**CLASS:** III BCA – A & B

**SUBJECT NAME:** PROGRAMMING IN JAVA

**STAFF INCHARGE:** Ms. N. S. KOTHAI & Ms. T. THULASI

**SUBJECT CODE:** SZ23B

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.07.22 to 29.07.22	<b>UNIT - I</b> Introduction to OOPS: Paradigms of Programming Languages – Basic concepts of Object-Oriented Programming – Differences between Procedure Oriented Programming and Object-Oriented programming - Benefits of OOPs – Application of OOPs. Java: History – Java features- Java Environment – JDK – API. Introduction to Java: Types of java program – Creating and Executing a Java program	<b>Assignment1</b> : Creating and Executing a Java program	PPT/LECTURE	<a href="https://www.w3schools.com/java">https://www.w3schools.com/java</a>
II	01.08.22 to 10.08.22	Java Tokens- Java Virtual Machine (JVM) – Command Line Arguments –Comments in Java program. <b>UNIT - II</b> Elements: Constants – Variables – Data types - Scope of variables – Type casting – Operators: Special operators –	<b>Assignment 2:</b> Operators	PPT/LECTURE	<a href="https://www.w3schools.com/java">https://www.w3schools.com/java</a>
II	11.08.22 to 19.08.22	Expressions – Evaluation of Expressions. Decision making and branching statements- Decision making and Looping– break – labelled loop – continue Statement. Arrays: One Dimensional Array – Creating an array – Array processing – Multidimensional Array – Vectors – Array List – Advantages of	<b>Internal Test I:</b>  Unit I and half of Unit II	PPT/LECTURE	<a href="https://www.w3schools.com/java">https://www.w3schools.com/java</a>

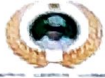


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		Array List over Array Wrapper classes.			
III	22.08.22 to 30.08.22	<b>UNIT - III</b> Class and objects: Defining a class – Methods – Creating objects – Accessing class members – Constructors – Method overloading – Static members – Nesting of Methods – this keyword – Command line input. Inheritance: Defining inheritance –types of inheritance– Overriding methods – Final variables and methods – Final classes	<b>Assignment 3:</b> Types of inheritance– Overriding methods	PPT/LECTURE	<a href="https://www.w3schools.com/java">https://www.w3schools.com/java</a>
III	01.09.22 to 07.09.22	Final methods - Abstract methods and classes – Visibility Control- Interfaces: Defining interface – Extending interface - Implementing Interface - Accessing interface variables. Strings: String Array – String Methods – String Buffer Class. <b>UNIT - IV</b> Packages: Java API Packages – System Packages – Naming Conventions –Creating & Accessing a Package – Adding Class to a Package – Hiding Classes. Exception Handling: Limitations of Error handling – Advantages of Exception Handling	<b>Assignment 4:</b> Implementing Interface, String Buffer Class	PPT/LECTURE	<a href="https://www.w3schools.com/java">https://www.w3schools.com/java</a>
IV	09.09.22 to 16.10.22	Types of Errors – Basics of Exception Handling – try blocks – throwing an exception – catching an exception – finally statement. Multithreading: Creating Threads – Life of a Thread – Defining & Running Thread – Thread Methods – Thread Priority – Synchronization –Implementing Runnable interface – Thread Scheduling.	<b>Internal Test II:</b> Unit I, II & half of Unit III	PPT/LECTURE	<a href="https://www.w3schools.com/java">https://www.w3schools.com/java</a>



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		<p><b>UNIT - V</b> I/O Streams: File – Streams – Advantages - The stream classes – Byte streams –Character streams. Applets: Introduction – Applet Life cycle</p>			
v	19.09.22 to 06.10.22	<p>Creating &amp; Executing an Applet – Applet tags in HTML – Parameter tag – Aligning the display - Graphics Class: Drawing and filling lines – Rectangles – Polygon – Circles – Arcs – Line Graphs – Drawing Bar charts AWT Components and Even Handlers: Abstract window tool kit – Event Handlers – Event Listeners – AWT Controls and Event Handling: Labels – Text Component – Action Event – Buttons – Check Boxes – Item Event – Choice– Scrollbars – Layout Managers- Input Events – Menus.</p>	<p><b>Assignment 5:</b> Event Handlers</p> <p><b>Model Examination Unit (I-V)</b></p>	PPT/LECTURE	<a href="https://www.w3schools.com/java">https://www.w3schools.com/java</a>
	10.10.22 to 17.10.22	NIL	<b>MODEL EXAM:</b> All V Units	NIL	NIL

  
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DEPARTMENT OF COMPUTER APPLICATION

### LESSON PLAN

CLASS : II BCA

SUBJECT NAME: FINANCIAL ACCOUNTING

STAFF NAME: Ms. M.M.RABIYATHUL BADA VIYA

SUBJECT CODE: SZ33A

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Basic accounting concepts & conventions- Accounting equation- meaning of accounting- Trial balances, final accounts- Rectification of errors	Assignment: Final accounts	PPT/SEMINAR	<a href="https://www.brainkart.com/article/Final-accounts-with-adjustments_34241/">https://www.brainkart.com/article/Final-accounts-with-adjustments_34241/</a>
II	2.8.22 to 10.8.22	Depreciation accounting- Meaning of depreciation methods of providing depreciation- Fixed percentage on original cost-	Test: IA – 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	<a href="https://www.mca.gov.in/Ministry/notification/pdf/AS_6.pdf">https://www.mca.gov.in/Ministry/notification/pdf/AS_6.pdf</a>
	11.8.22 to 21.8.22	Fixed percentage on diminishing balances Departmental single entry: Definition and salient features statement of affairs method-Conversion method Average due date- Account current and investment accounts	Assignment: Conversion method	PPT/SEMINAR	
III	22.8.22 to 30.8.22	Branch accounts: Debtors system- Profit & loss a/c- Stock and debtors system- Distinction between whole sale profit and retail profit. Departmental account: interdepartmental transfer at cost or selling price	Test: IA-2 Unit III and IV	PPT/SEMINAR	<a href="https://www.investopedia.0accounting.">https://www.investopedia.0accounting.</a>
IV	1.9.22 to 16.9.22	Hire purchase and instalments purchase: meaning and legal position- Accounting aspects- defaults and repossession- Hire purchase trading accounts- instalment system- Accounting aspects- Sale or return	Assignment: Instalments systems	TEST	<a href="https://static.careers360.moHire-Purchase-and-">https://static.careers360.moHire-Purchase-and-</a>
V	19.9.22 to 7.10.22	Partnership accounts: admission of a partner- Retirement of a partner- Dissolution of a partnership firm and death of a partner- Insolvency of a partner- Piece meal distribution	Assignment: Dissolution of a firm	TEST	<a href="https://www.taxmann.com/post/blog/basics-concepts-of-accounting-for-partnership/">https://www.taxmann.com/post/blog/basics-concepts-of-accounting-for-partnership/</a>
	10.10.22 to 17.10.22	Nil	Model Exam		

  
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**DEPARTMENT OF COMPUTER APPLICATIONS  
LESSON PLAN**

**CLASS: II BCA 'A' & 'B'**

**SUBJECT NAME: COMPUTER ORGANIZATION**

**STAFF NAME: Ms. DEEPIKA LAKSHMI MAHENDRAN, Ms. N.S. KOTHAI**

**SUBJECT CODE: SZ23C**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	<b>UNIT – I:</b> Data representation: Data types – Complements- fixed point and floating point representation other binary codes. Register Transfer and Microoperations: Register transfer language-	<b>Assignment1:</b> Fixed and Floating point representation	PPT/LECTURE	<a href="https://www.tutorialspoint.com/">https://www.tutorialspoint.com/</a>
II	2.8.22 to 10.8.22	Register transfer- Bus and Memory transfers – Arithmetic, logic and shift micro operations <b>UNIT – II:</b> Central processing unit: General register and stack organizations- instruction formats - Addressing modes	<b>Internal Test I:</b> Unit I and First half of Unit II	PPT/LECTURE	<a href="https://www.codingninjas.com">https://www.codingninjas.com</a>
II	11.8.22 to 21.8.22	Data transfer and manipulation - program control- RISC - Pipelining - Arithmetic and instruction- RISC pipeline - Vector processing and Array processors.	<b>Assignment 2:</b> RISC Pipelining	PPT/LECTURE	<a href="https://passlab.github.io/CSE564/">https://passlab.github.io/CSE564/</a>
II	22.8.22 to 30.8.22	<b>UNIT – III:</b> Microprocessor Architecture and its Operations - 8085 MPU - 8085 Instruction Set and Classifications. Programming in 8085: Code conversion - BCD to Binary and Binary to BCD conversions - ASCII to BCD and BCD to ASCII conversions	<b>Internal Test II:</b> Second half of Unit II and Unit III	TEST	<a href="https://miniwebtool.com/binary-to-bcd-converter/">https://miniwebtool.com/binary-to-bcd-converter/</a>
III	1.9.22 to 16.9.22	Binary to ASCII and ASCII to Binary conversions. <b>UNIT-IV:</b> Programming in 8085: BCD Arithmetic - BCD addition and Subtraction - Multibyte Addition and Subtraction	<b>Assignment 3:</b> Instruction set and its Classifications	PPT/LECTURE	<a href="https://ees.in/8051-multi-byte-addition/">https://ees.in/8051-multi-byte-addition/</a>



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IV	19.9.22 to 7.10.22	Multiplication and Division. Interrupts: The 8085 Interrupt – 8085 Vectored Interrupts – UNIT- V: Direct Memory Access (DMA) and 8257 DMA controller - 8255A Programmable Peripheral Interface. Basic features of Advanced Microprocessors - Pentium - I3 , I5 and I7	<b>Assignment 4:</b> 8085 Interrupts  <b>Assignment 5:</b> DMA Controller	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/">https://www.geeksforgeeks.org/</a>
V	10.10.22 to 17.10.22	NIL	<b>Model Exam</b>		

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**DEPARTMENT OF COMPUTER APPLICATIONS**

**LESSON PLAN**

**CLASS:** III BCA – A & B

**STAFF INCHARGE:** Ms. SUMATHI S

**SUBJECT NAME:** SOFTWARE ENGINEERING

**SUBJECT CODE:** SU25A

UNIT	BEGINS	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.07.22 to 31.07.22	<b>Unit-1:</b> Introduction -Evolution - Software Development projects - Emergence of Software Engineering, Software Life Cycle models-Waterfall model	<b>Assignment 1:</b> SDLC	PPT/LECTURE	<a href="https://www.javatpoint.com/software-engineering-software-development-life-cycle">https://www.javatpoint.com/software-engineering-software-development-life-cycle</a>
II	02.08.22 to 10.08.22	Rapid Application Development-Agile model -Spiral mode <b>Unit-2:</b> Requirements Analysis and Specification	<b>Internal Test 1:</b> Unit I and half of Unit II	PPT/LECTURE	<a href="https://www.guru99.com/agile-model.html">https://www.guru99.com/agile-model.html</a>
II	11.08.22 to 21.08.22	Gathering and Analysis-SRS - Formal System Specification. <b>Unit-3:</b> Software Design-Overview -Characteristics-Cohesion Coupling-layered Design	<b>Assignment 2:</b> Formal system specification	PPT/LECTURE	<a href="https://www.tutorialspoint.com/difference-between-cohesion-and-coupling">https://www.tutorialspoint.com/difference-between-cohesion-and-coupling</a>
III	22.08.22 to 30.08.22	Approaches Function oriented design-Structured design-DFD-Structured Analysis-Detailed design	<b>Internal Test 2:</b> half of Unit II & Unit III	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/what-is-dfd-data-flow-diagram/">https://www.geeksforgeeks.org/what-is-dfd-data-flow-diagram/amp/</a>



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III	01.09.22 to 16.09.22	<b>Unit-4</b> Object modeling using UML, OO concepts UML-Diagrams-Use case, Class, Interaction, Activity, State Chart-Postscript	<b>Assignment 3:</b> DFD	PPT/LECTURE	<a href="https://www.tutorialspoint.com/uml/uml_class_diagram.htm">https://www.tutorialspoint.com/uml/uml_class_diagram.htm</a>
IV	19.09.22 to 7.10.22	<b>Unit-5:</b> Coding Testing-coding-Review-Documentation-Testing-Blackbox testing, Whitebox, Integration, OO Testing, Smoke testing.	<b>Assignment 4:</b> UM <b>Assignment 5:</b> Black Box Testing	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/types-software-testing/amp/">https://www.geeksforgeeks.org/types-software-testing/amp/</a>
V	10.10.22 to 17.10.22	NIL	<b>Model Examination:</b> All V Units		

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**DEPARTMENT OF COMPUTER APPLICATIONS**

**LESSON PLAN**

**CLASS : III BCA 'A' & 'B'**

**STAFF NAME: Ms. Ramya Vasudevan & Ms. Deepika.D**

**SUBJECT NAME: MULTIMEDIA AND ITS APPLICATIONS**

**SUBJECT CODE: SE25B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	<b>UNIT- I-Definition - Classification - Multimedia application -Multimedia Hardware - Multimedia software - CDROM - DVD.</b>	Assignment: MM Hardware and Software	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/what-is-multimedia/">https://www.geeksforgeeks.org/what-is-multimedia/</a>
II	2.8.22 to 10.8.22	<b>UNIT-II-Multimedia Audio: Digital medium - Digital audio technology - sound cards - recording - editing- MP3 - MIDI fundamentals - Working with MIDI - audio file formats - adding sound to Multimedia project.</b>	Test : IA – 1 Unit I and II	PPT/LECTURE	<a href="https://www.tutorialspoint.com/multimedia/multimedia_sound_audio.htm">https://www.tutorialspoint.com/multimedia/multimedia_sound_audio.htm</a>
III	11.8.22 to 21.8.22	<b>UNIT-III-Multimedia Text: Text in Multimedia - Multimedia graphics: coloring - digital imaging fundamentals - development and editing - file formats - scanning and digital photography</b>	Assignment : Fundamentals and Working of MIDI	PPT/LECTURE	<a href="https://www.slideshare.net/wasrse/text-in-multimedia">https://www.slideshare.net/wasrse/text-in-multimedia</a>
IV	22.8.22 to 30.8.22	<b>UNIT-IV-Multimedia Animation: Computer animation fundamentals - Kinematics - morphing - animation s/w tools and techniques.</b>	Test : IA – 2 Unit III and IV	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/difference-between-multimedia-and-animation/">https://www.geeksforgeeks.org/difference-between-multimedia-and-animation/</a>
IV	1.9.22 to 16.9.22	<b>Multimedia Video: How video works - broadcast video standards - digital video fundamentals – digital video production and editing techniques - file formats.</b>	Assignment : MM Animation and Video	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/difference-between-multimedia-and-animation/">https://www.geeksforgeeks.org/difference-between-multimedia-and-animation/</a>
V	19.9.22 to 7.10.22	<b>UNIT-V-Multimedia Project: stages of project - Multimedia skills - design concept - authoring - planning and costing –Multimedia Team. Multimedia-looking towards Future: Digital Communication and New Media, Interactive Television, Digital Broadcasting, Digital Radio, Multimedia Conferencing</b>	Assignment :Future of Multimedia	SEMINAR/ LECTURE	<a href="https://www.video.net/stock-video-footage/multimedia/">https://www.video.net/stock-video-footage/multimedia/</a>
	10.10.22 to 17.10.22	NIL	Model Exam	NIL	NIL

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**DEPARTMENT OF COMPUTER APPLICATIONS  
LESSON PLAN**

**CLASS : III BCA'A'&'B'**

**SUBJECT NAME: RELATIONAL DATABASE MANAGEMENT SYSTEM**

**STAFF NAME: Ms. DEEPIKA LAKSHMI MAHENDRAN ,Ms.S.ARCHANA SUBJECT CODE: SE25C**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	<b>UNIT- I-</b> Introduction to DBMS: Data and Information - Database – Database Management System – Objectives - Advantages – Components - Architecture. ER Model: Building blocks of ER Diagram – Relationship Degree – Classification	Assignment1:Architecture	PPT/LECTURE	<a href="https://www.ibm.com/docs/">https://www.ibm.com/docs/</a>
II	2.8.22 to 10.8.22	ER diagram to Tables – ISA relationship – Constraints – Aggregation and Composition – Advantages.  <b>UNIT-II-</b> Relational Model: CODD's Rule- Relational Data Model - Key - Integrity – Relational Algebra Operations	<b>Internal Test I:</b> Unit I and half of Unit II	PPT/LECTURE	<a href="https://www.javatpoint.com/dbms-keys">https://www.javatpoint.com/dbms - keys</a>
II	11.8.22 to 21.8.22	<b>UNIT-III-</b> Advantages and limitations – Relational Calculus – Domain	Assignment2: Relational Calculus	PPT/LECTURE	<a href="https://www.scaler.com/topics/dbms/relational-calculus-in-dbms/">https://www.scaler.com/topics/dbms/relational-calculus-in-dbms/</a>



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		<b>Relational Calculus - QBE.</b>  <b>UNIT-IV-</b> <b>Structure of Relational Database: Introduction to Relational Database Design</b>  <b>- Objectives – Tools –</b>  <b>Redundancy and</b>  <b>Data Anomaly</b>			
II	22.8.22 to 30.8.22	<b>Functional Dependency Normalization – 1NF – 2NF – 3NF – BCNF. Transaction Processing – Database Security.</b>	Assignment 3: Data Base Security	TEST	<a href="https://www.guru99.com/databases-normalization.html">https://www.guru99.com/databases-normalization.html</a>
III	1.9.22 to 16.9.22	<b>UNIT - IV SQL: Commands – Data types – DDL - Selection, Projection, Join and Set Operations Aggregate Functions – DML Modification - Truncation - Constraints – Subquery.</b>	Assignment 4: DDL Commands	PPT/LECTURE	<a href="https://www.programiz.com/sql/subquery">https://www.programiz.com/sql/subquery</a>
IV	19.9.22 to 7.10.22	<b>UNIT - V PL/SQL: Structure - Elements – Operators Precedence – Control Structure</b>	Assignment 5: Cursors	PPT/LECTURE	<a href="http://www.java2s.com/Tutorial/">http://www.java2s.com/Tutorial/</a>
		<b>Iterative Control-Cursors- Procedure -Function Packages– Exceptional Handling-Triggers.</b>			
V	10.10.22 to 17.10.22	Nil	Model Exam		

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**DEPARTMENT OF COMPUTER APPLICATIONS**  
**LESSON PLAN**

**CLASS : III BCA 'A' & 'B'**  
**STAFF NAME: MS. SDEEPIKA LAKSHMI MAHENDRAN,**  
**MS. ARCHANA**

**SUBJECT NAME: PL/SQL LAB**  
**SUBJECT CODE: SE251**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
1 TO 2	11.7.22 to 31.7.22	1. DDL commands with constraints. 2. DML Commands with Constraints.		LAB SESSION/HANDS ON TRAINING	<a href="https://www.interviewbit.com/blog/sql-commands/">https://www.interviewbit.com/blog/sql-commands/</a>
3	2.8.22 to 10.8.22	3. SQL Queries: Queries, sub queries, Aggregate function		LAB SESSION/HANDS ON TRAINING	<a href="https://www.javatpoint.com/dbms-sql-sub-queries">https://www.javatpoint.com/dbms-sql-sub-queries</a>
4 TO 5	11.8.22 to 21.8.22	4. PL/SQL: Exceptional Handling 5. PL/SQL: Cursor	Test - 1 to 4	LAB SESSION/HANDS ON TRAINING	<a href="https://blogs.oracle.com/connect/post/working-with-cursors">https://blogs.oracle.com/connect/post/working-with-cursors</a>
6 TO 7	22.8.22 to 30.8.22	6. PL/SQL: Trigger 7. PL/SQL: Packages		LAB SESSION/HANDS ON TRAINING	<a href="https://www.studytonight.com/plsql/plsql-packages">https://www.studytonight.com/plsql/plsql-packages</a>
8	1.9.22 to 16.9.22	8. Design and Develop Application for Library Management	Test - 5 to 7	LAB SESSION/HANDS ON TRAINING	<a href="https://www.sourcodester.com/visual-basic-net/14644/library-management-system-visual-full-source-code.html">https://www.sourcodester.com/visual-basic-net/14644/library-management-system-visual-full-source-code.html</a>
9 TO 10	19.9.22 to 7.10.22	9. Design and Develop Application for Student Mark Sheet Processing 10. Design and Develop Application for Pay Roll Processing		LAB SESSION/HANDS ON TRAINING	<a href="https://notesforms.org/payroll-processing-system/">https://notesforms.org/payroll-processing-system/</a>
	10.10.22 to 17.10.22	Nil	Model Exam		

  
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**DEPARTMENT OF COMPUTER APPLICATIONS**

**LESSON PLAN (JUN '22 – DEC '22)**

**SUBJECT NAME: OPERATING SYSTEM**

**SUBJECT CODE: SE25B**

**CLASS: III BCA – 'A' & 'B' SEMESTER: V**

**STAFF INCHARGE: Ms. THULASI.T**

UNIT	DATE	TOPICS	ASSIGNMENT/ TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.07.2022 to 31.07.2022	UNIT - I Introduction: Views - Types of System - OS  Structure – Operations - Services – Interface- System Calls- System Structure - System Design and I mplementation. Proce ss Management: Proc ess - Process Scheduling - Inter- process Communicati on	<b>Assignment 1:</b> STRUCTURE OF  OPERATING SYSTEMS	<b>SEMINAR/ LECTURE</b>	<a href="https://www.techtarget.com">https://www.techtarget.com</a>
I	02.08.2022 to 10.08.2022	CPU Scheduling: CPU Schedulers - Scheduling Criteria - Scheduling Algorithms. UNIT - II Process Synchronization: Critical- Section Problem - Synchronization Hardware Semaphores - Classical Problems of Synchronization - Monitors.	<b>Internal Test I:</b> Unit I and half of Unit II	<b>TEST</b>	<a href="https://www.geeksforgeeks.org">https://www.geeksforgeeks.org</a>
II	11.08.2022 to 21.08.2022	Deadlocks: Characterization - Methods for Handling Deadlocks - Deadlock Prevention -	<b>Assignment 2:</b> CLASSICAL SECTION PROBLEM OF		

		Avoidance - Detection - Recovery. UNIT - III Memory Management: Hardware - Address Binding - Address Space - Dynamic Loading and Linking - Swapping - Contiguous Allocation	SYNCHRONIZATION	SEMINAR/LECTURE	<a href="https://www.tutorialspoint.com">https://www.tutorialspoint.com</a>
III	22.08.2022 to 30.08.2022	Segmentation - Paging - Structure of the Page Table.	<b>Internal Test 2:</b> Unit I, II & half of Unit III	TEST	<a href="https://www.mygreatlearnings.com">https://www.mygreatlearnings.com</a>
IV	01.09.2022 to 16.09.2022	UNIT - IV Virtual Memory Management: Demand Paging - Page Replacement Algorithms - Thrashing. File System: File Concept - Access Methods - Directory and Disk Structure - Protection	<b>Assignment 3:</b> TYPES OF PAGE TABLE	SEMINAR/LECTURE	<a href="https://www.geeksforgeeks.org">https://www.geeksforgeeks.org</a>
V	19.09.2022 to 07.10.2022	File System Structures - Allocation Methods - Free Space Management. UNIT - V I/O Systems: Overview - I/O Hardware - Application I/O Interface - Kernel I/O Subsystem -	<b>Seminar : Unit V Topics</b>	SEMINAR/LECTURE	<a href="https://www.javatpoint.org/">https://www.javatpoint.org/</a>

V	10.10.2022 to 17.10.2022	Transforming I/O Requests to Hardware Operations - Performance. System Protection: Goals - Domain - Access matrix. System Security: The Security Problem - Threats - Encryption- User Authentication.	<b>Seminar: Unit V Topics</b>  <b>Model Examination: All V Units</b>		
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**Signature of the Staff In-charge**

*T. Jeyaraj*

**Signature of the HOD**

*P. P. P.*  
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**LESSON PLAN (JUN '22 – DEC '22)**

**SUBJECT NAME: OPERATING SYSTEM LAB**

**SUBJECT CODE: SE251**

**CLASS: III BCA – 'A' & 'B' SEMESTER: V**

**STAFF INCHARGE: Ms.T. THULASI**

UNIT	DATE	TOPICS	ASSIGNMENT / TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.07.2022 to 31.07.2022	1. Basic IO Programming To Implement CPU Scheduling Algorithm 2. Shortest Job First Algorithm		LAB SESSION/HANDS ON TRAINING	<a href="https://www.vsbec.com">https://www.vsbec.com</a>
II	02.08.2022 to 10.08.2022	3. First Come First Serve Algorithm 4. Round Robin and Priority Scheduling Algorithm	Test : IA – 1 Unit I and II	LAB SESSION/HANDS ON TRAINING	<a href="https://www.vsbec.com">https://www.vsbec.com</a>
III	11.08.2022 to 21.08.2022	5. To Implement reader/ writer problem using semaphore		LAB SESSION/HANDS ON TRAINING	<a href="https://www.vsbec.com">https://www.vsbec.com</a>
III	22.08.2022 to 30.08.2022	6. To Implement Banker's Algorithm for deadlock avoidance		LAB SESSION/HANDS ON TRAINING	<a href="https://www.vsbec.com">https://www.vsbec.com</a>
IV	01.09.2022 to	Program for Page	Test : IA – 2 Unit III and IV	LAB SESSION/HANDS ON TRAINING	<a href="https://www.vsbec.com">https://www.vsbec.com</a>

	16.09.2022	replacement Algorithm 7. First In First Out Algorithm 8. Least Recently used Algorithm			
V	19.09.2022 to 07.10.2022	9. To implement first fit, best fit, and worst fit algorithm for memory management		LAB SESSION/HANDS ON TRAINING	<a href="https://www.vsbec.com">https://www.vsbec.com</a>
V	10.10.2022 to 17.10.2022	10. program for Inter process communication	MODEL EXAM	NIL	NIL

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*[Handwritten Signature]*

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**DEPARTMENT OF TAMIL  
LESSON PLAN**

**CLASS : ALL UG 1st YEAR**

**STAFF NAME: MS.SHANTHI**

**SUBJECT NAME: GENERAL TAMIL**

**SUBJECT CODE: LA12A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	செய்யுள்-நற்றிணை(87,88), குறுந்தொகை (46,88,89), கலித்தொகை(11), அகநானூறு (86), ஐங்குறுநூறு கிள்ளைப்பத்து, பரிபாடல் -செவ்வேள் 5, எட்டுத்தொகை - இலக்கிய வரலாறு	Assignment: எட்டுத்தொகை இலக்கிய வரலாறு	PPT/SEMINAR	KCSKNC TAMIL SURANGAM
II	18.01.23 to 31.01.23	புறநானூறு -182,192, பதிற்றுப்பத்து-56,57 பத்துப்பாட்டு -இலக்கிய வரலாறு, முல்லைப்பாட்டு முழுவதும்,	Test : IA – 1 Unit I and II	SEMINAR/ திருக்குறள்	Tamil literary Junction
III	01.02.23 to 17.02.23	பதினெண்கீழ்க்கணக்குநூல்கள்- இலக்கிய வரலாறு, திருக்குறள்-காலமறிதல்,, சுற்றந்தழால் கண்ணோட்டம்	Assignment: பதினெண்கீழ்க்கணக்கு நூல்கள்	TEST	KCSKNC Tamil Surangam
IV	20.02.23 to 02.03.23	நாலடியார் -ஈகை, முச்சங்க வரலாறு	Test : IA – 2 Unit III and IV	TEST	Web Tamil Nanban
V	03.03.23 to 09.04.23	மொழிப்பயிற்சி -இலக்கணக் குறிப்பு, ஒற்று மிகும், மிகா இடங்கள்	Assignment : இலக்கண குறிப்புகள்	PPT/SEMINAR	Web Tamil Nanban
	10.4.23 To 20.4.23	NIL	Model Exam		

  
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**DEPARTMENT OF HINDI  
LESSON PLAN – EVEN SEMESTER 2022 - 2023**

**SUBJECT/ CODE :- HINDI /LE12A**

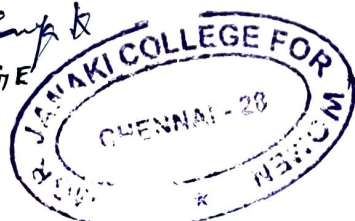
**Class:- II YEAR**

**FACULTY NAME :- Dr. RANJANA RAI**

**PAPER IV MODERN POETRY, HISTORY OF HINDI LITERATURE**

UNIT	DATE	TOPICS TO BE COVERED	ASSIGNMENT	SEMINAR
I	7/12/22- 17/12/22	आशा कविता का परिचय, सारांश, साहित्यकारों का परिचय भारतेंदु हरिश्चंद्र, आचार्य महावीर प्रसाद द्विवेदी, मैथिलीशरण गुप्त, जयशंकर प्रसाद, सूर्यकांत त्रिपाठी निराला,		
I	19/12/22- 24/12/22	हिन्दी साहित्य का इतिहास, आधुनिक काल का परिचय, नामकरण, काल निर्धारण, परिस्थितियों आशा, कविता का सारांश तथा संप्रसंग व्याख्या	आशा कविता का सारांश लिखिए	
III	2/1/23 – 17/1/23	साहित्यकारों का परिचय श्री सुमित्रानंदन पंत, महादेवी वर्मा, माखनलाल चतुर्वेदी, सुभद्राकुमारी चौहान, हरिवंशराय बच्चन, रामधारी सिंह दिनकर, श्री सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय', गिरिजा कुमार माथुर, नागार्जुन, गजानन माधव मुक्तिबोध, धर्मवीर भारती, नरेश मेहता, प्रभाकर माचवे, प्रेमचन्द, यशपाल, जैनेन्द्र कुमार, मोहन राकेश, उषा प्रियंवदा, फणीश्वर नाथ रेणु		थकसी एक कवि की जीवनी – बताइए
I II	18/1/23 – 31/1/23	तुम लोगों से दूर, कविता का सार, संदर्भ सहित व्याख्या, भाषा शैली रस छंद प्रगतिवाद परिचय परिभाषा कवि एवं प्रवृत्तियाँ,		
II	1/2/23 – 17/2/23	कवि और कल्पना, काव्य परिचय, सार भाषा शैली एकांकी का उद्भव और विकास	आशा कविता का सारांश लिखिए	
III	20/2/23 – 2/3/23	वरदान मांगूंगा नहीं, काव्य परिचय, सार परिचय सार भाषा शैली, नई कविता का परिचय, कवि एवं प्रवृत्तियाँ		
II IV	3/3/23 – 7/3/23	भारत की आरती, काव्य परिचय सार एवं भाषा शैली कहानी का उद्भव और विकास एवं प्रवृत्तियाँ		तुम लोगों से दूर, कविता का भवार्थ बताइए
III I	10/4/23 – 20/4/23	आनेवालों से एक सवाल, कविता परिचय, सार भाषा शैली, रस छंद छायावाद परिचय, कवि परिभाषा एवं प्रवृत्तियाँ, पुनरावृत्ति		

[Ranjana Rai] <sup>Dr</sup>  
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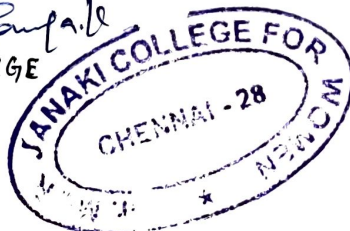
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**DEPARTMENT OF HINDI  
LESSON PLAN – EVEN SEMESTER 2022 - 2023**

CLASS – I YEAR/ II SEMESTER  
SUBJECT – HINDI/LE12A  
STAFF NAME – Dr. RANJANA RAI  
PAPER II ONE ACT PLAY, SHORT STORY AND TRANSLATION

UNIT	DATE	TOPICS TO BE COVERED	Assignment	Seminar
I	22/12/22- 17/1/23	मुक्तिघन कहानी परिचय, लेखक परिचय, प्रश्नोत्तर, सारांश तथा सप्रसंग व्याख्या औरंगजेब की आखिरी रात एकांकीकार परिचय, पात्र परिचय, एकांकी तत्व के आधार पर एकांकी का विश्लेषण		
V	18/1/23 – 31/1/23	अनुवाद अभ्यास अंग्रेजी से हिन्दी – 1 से 10 तक	अनुवाद अभ्यास अंग्रेजी से हिन्दी	
II	20/3/23- 2/3/23	मिठाईवाला कहानी परिचय, लेखक परिचयप्रश्नोत्तर सारांश तथा सप्रसंग व्याख्या लक्ष्मी का स्वागत एकांकी का परिचय, चरित्र चित्रण, एकांकी तत्व के आधार पर समीक्षा		मुक्तिघन कहानी की समीक्षा कीजिए
III	3/3/23 – 9/4/23	सेब और देव कहानी का परिचय, पात्र परिचय, प्रश्नोत्तर, कहानी तत्व के आधार पर विश्लेषण विवेचन बसंत ऋतु का नाटक एकांकी का परिचय, एकांकी तत्व, चरित्र चित्रण		
VI	10/4/23 – 20/4/23	विवाह की तीन कथाएँ कहानी का परिचय, पात्र परिचय, प्रश्नोत्तर, कहानी तत्व के आधार पर विश्लेषण विवेचन बहुत बड़ा सवाल एकांकी, एकांकीकार परिचय, पात्र परिचय, एकांकी तत्व परिचय	बसंत ऋतु का नाटक एकांकी का सारांश	नाटक तत्वों के आधार पर लक्ष्मी का स्वागत नाटक की समीक्षा कीजिए
		पुनरावृत्ति		

[Ranjana Rai] for  
SUBJECT IN-CHARGE



P. @  
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Head of the Department  
Department of BCA &  
Dr. MGR JANAKI COLLEGE OF A  
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**Dr. MGR-JANAKI COLLEGE  
OF ARTS & SCIENCE FOR WOMEN**



SATHYABAMA MGR MALIGAI  
11 & 13, Durgabai Deshmukh Road, Raja Annamalai Puram, Chennai - 600 028  
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**DEPARTMENT OF FRENCH**

**LESSON PLAN**

**CLASS : I YEAR**

**STAFF NAME: Ms. Kameshwari K.V**

**SUBJECT:FRENCH**

**SUBJECT NAME:FRENCH**

**SEM: EVEN CODE: LK12A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
7	22.12.22 to 17.01.23	C'est où? Demander et indiquer une direction L'impératif, les nombres ordinaux , Ne...plus, ne...jamais, faire	Assignment L'article contracté, ne....plus, ne jamais	PPT/SEMINAR	
8	18.01.23 to 31.01.23	N'oubliez pas! Quelque chose, rien, quelqu'un, personne, il faut, devoir, qui, que, où, me, te, lui, leur....	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE	<a href="https://www.urbanpro.com/french">https://www.urbanpro.com/french</a>
9	01.02.23 to 17.02.23	Belle vue sur la mer! Le genre des noms de pays, tout .... tous, Y le pronom complément, l'adjectif démonstratif	Assignment : Il faut, devours, qui que où	TEST	
10	20.02.23 to 02.03.23	Quel beau Voyage! Décrire les étapes d'une action Exprimer l'intensité et la quantité Interroger	Test : IA – 2 Unit III and IV	TEST	
11 & 12	03.03.23 to 09.04.23	Oh jolii! Décrire quel qu'un, Comparer, Exprimer d'accord ou le désaccord, Se situer dans le temps  Et Après? Comprendre d'une carte d'anniversaire, futur simple, Subjonctif	Assignment : L'imparfait passé composé, la description d'une personne	PPT/SEMINAR	<a href="http://www.urbanpro.com/french">http://www.urbanpro.com/french</a>
	10.4.23 To 20.4.23	Révision	Model Exam		

*Kameshwari K.V*  
03/11/2023  
SUBJECT INCHARGE SIGNATURE



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**DEPARTMENT OF ENGLISH**

**LESSON PLAN**

**CLASS :** *AD UG Class*

**SUBJECT NAME:** COMMUNICATIVE ENGLISH

**STAFF NAME:** *MS. AKSHAYA & MS. NANDINI*

**SUBJECT CODE:** *LZ12A*

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	1. Listening and Speaking a. Listening and responding to complaints (formal situation) b. Listening to problems and offering solutions (informal) 2. Reading and writing a. Reading aloud (brief motivational anecdotes) b. Writing a paragraph on a proverbial expression/motivational idea. 3. Word Power/Vocabulary a. Synonyms & Antonyms 4. Grammar in Context • Adverbs Prepositions	Assignment: Vocabulary	PPT/SEMINAR	
I	02.01.23 to 17.01.23	1. Listening and Speaking a. Listening to famous speeches and poems b. Making short speeches- Formal: welcome speech and vote of thanks. Informal occasions- Farewell party, graduation speech 2. Reading and Writing a. Writing opinion pieces (could be on travel, food, film / book reviews or on any contemporary topic) b. Reading poetry b.i. Reading aloud: (Intonation and Voice Modulation) b.ii. Identifying and using figures of speech - simile, metaphor, personification etc. 3. Word Power a. Idioms & Phrases 4. Grammar in Context Conjunctions and Interjections	Assignment : Preparing Short Speeches	SEMINAR/ DEBATE/ CASE STUDY	

II	18.01.23 to 31.01.23	<p>1. Listening and Speaking</p> <p>a. Listening to Ted talks</p> <p>b. Making short presentations – Formal presentation with PPT, analytical presentation of graphs and 3 reports of multiple kinds</p> <p>c. Interactions during and after the presentations</p> <p>2. Reading and writing</p> <p>a. Writing emails of complaint</p> <p>b. Reading aloud famous speeches</p> <p>3. Word Power</p> <p>a. One Word Substitution</p> <p>4. Grammar in Context: Sentence Patterns</p>	Test : IA – 1 Unit I & II	TEST	
III	01.02.23 to 17.02.23	<p>1. Listening and Speaking</p> <p>a. Participating in a meeting: face to face and online</p> <p>b. Listening with courtesy and adding ideas and giving opinions during the meeting and making concluding remarks.</p> <p>2. Reading and Writing</p> <p>a. Reading visual texts – advertisements</p> <p>b. Preparing first drafts of short assignments</p> <p>3. Word Power</p> <p>a. Denotation and Connotation</p> <p>4. Grammar in Context: Sentence Types</p>	Assignment : Script for Interview	SEMINAR	
IV	20.02.23 to 02.03.23	<p>1. Listening and Speaking</p> <p>a. Informal interview for feature writing</p> <p>b. Listening and responding to questions at a formal interview</p> <p>2. Reading and Writing</p> <p>a. Writing letters of application</p>	Test : IA – 2 Unit III & IV	PPT	
V	03.3.23 to 7.4.23	<p>b. Readers' Theatre (Script Reading)</p> <p>c. Dramatizing everyday situations/social issues through skits. (writing scripts and performing)</p> <p>3. Word Power</p> <p>a. Collocation</p> <p>4. Grammar in Context: Working With Clauses</p>	Assignment : Grammar	DEBATE/ CASE STUDY	

10.4.23 to 20.4.23	NIL	Model Exam		
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**DEPARTMENT OF COMPUTER APPLICATION**

**LESSON PLAN (JUN '22 – DEC '22)**

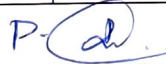
**SUBJECT NAME: C++**

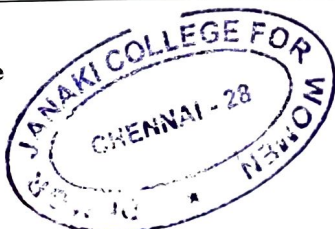
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**CLASS: I BCA 'A' & 'B'**

**STAFF INCHARGE: Ms.N.S.Kothai, Ms.P. Renuka**

UNIT	DATE	TOPICS	ASSIGNMENT/ TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	Introduction to C++ - key concepts of Object Oriented Programming – Advantages – Object Oriented Languages – I/O in C++ - C++ Declarations. Control Structures: Decision making and Statements: If..else, jump, goto, break, continue, Switch case statements – Loops in C++ : for, while, do – functions in C++ - inline functions – Function overloading.	<b>Assignment:</b> Function overloading	PPT/Lecture	<a href="https://www.w3schools.com/cpp/">https://www.w3schools.com/cpp/</a>
II	18.01.23 to 31.01.23	Classes and Objects: Declaring Objects – Defining member functions – Static Member Variables and functions – array of objects – friend functions – Overloading member functions – Bit fields and classes – Constructor and destructor with static members.	Test : IA – 1 Unit I and II	PPT/Lecture	<a href="https://www.tutorialspoint.com/cplusplus/index.htm">https://www.tutorialspoint.com/cplusplus/index.htm</a>
III	01.02.23 to 17.02.23	Operator Overloading – Overloading unary, binary operators – Overloading Friend functions – type conversion – Inheritance: Types of Inheritance – Single, Multilevel, Multiple, Hierarchical, Hybrid, Multi path inheritance – Virtual base Classes – Abstract Classes.	<b>Assignment:</b> Constructor and its types	PPT/Lecture	<a href="https://www.w3schools.com/cpp/">https://www.w3schools.com/cpp/</a>
IV	20.02.23 to 02.03.23	Pointers –Declaration – Pointer to Class, Object – this pointer – Pointers to derived classes and Base classes – Arrays – Characteristics – array of classes- Memory models –new and delete operators – dynamic object binding – Polymorphism and Virtual Functions.	Test : IA – 2 Unit III and IV	PPT/Lecture	<a href="https://www.w3schools.com/cpp/">https://www.w3schools.com/cpp/</a>
V	03.03.23 to 09.04.23	Files – File Stream classes – file modes – Sequential Read/Write operations – Binary and ASCII Files- Random Access operation – Templates – Exception Handling – String – Declaring and Initializing string objects – String Attributes – Miscellaneous functions.	<b>Assignment:</b> Types of Inheritances	PPT/Lecture	<a href="https://www.tutorialspoint.com/cplusplus/index.htm">https://www.tutorialspoint.com/cplusplus/index.htm</a>
	10.4.23 To 20.4.23	NIL	Model Exam		

  
Signature of the Staff In-charge



  
Signature of the HOD  
Head of the Department  
Department of BCA & IT  
Dr. MGR JANAKI COLLEGE OF ARTS & SCIENCE  
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**DEPARTMENT OF COMPUTER APPLICATION**

**LESSON PLAN (JUN '22 – DEC '22)**

**SUBJECT NAME:** C++ Lab

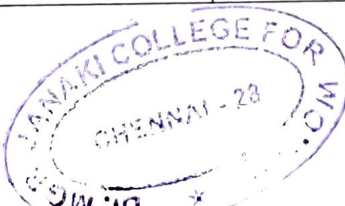
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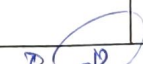
**CLASS:** I BCA 'A' & 'B'

**STAFF INCHARGE:** Ms.N.S.Kothai,Ms.P. Renuka

UNIT	DATE	TOPICS	ASSIGNMENT/ TEST	TEACHING METHODOLOGY	WEB RESOURCES
1,2,3	22.12.22 to 17.01.23	1. Write a C++ program to demonstrate function overloading, Default arguments and Inline functions 2. Write a C++ program to demonstrate to Classes and Objects 3. Write a C++ program to demonstrate the concept of passing Objects to Functions		Lab Session/Hands-on Training	<a href="https://www.programiz.com/cpp-programming/examples">https://www.programiz.com/cpp-programming/examples</a>
4,5,6,7	18.01.23 to 31.01.23	4. Write a C++ program to demonstrate the Friend Functions 5. Write a C++ program to demonstrate constructor and Destructor 6. Write a C++ program to demonstrate Unary Operator Overloading 7. Write a C++ program to demonstrate Binary Operator Overloading	<b>Test : IA – 1</b> Unit I and II	Lab Session/Hands-on Training	<a href="https://www.programiz.com/cpp-programming/examples">https://www.programiz.com/cpp-programming/examples</a>
8,9	01.02.23 to 17.02.23	8. Write a C++ program to demonstrate: <ul style="list-style-type: none"> <li>• Single Inheritance</li> <li>• Multilevel Inheritance</li> <li>• Multiple Inheritance</li> <li>• Hierarchical Inheritance</li> </ul> Hybrid Inheritance 9. Write a C++ program to demonstrate Virtual Functions		Lab Session/Hands-on Training	<a href="https://www.programiz.com/cpp-programming/examples">https://www.programiz.com/cpp-programming/examples</a>
10,11,12	20.02.23 to 02.03.23	10. Write a C++ program to manipulate a text file 11. Write a C++ program to perform Sequential I/O operations on a file 12. Write a C++ program to find the Biggest Number using Command Line Argument	<b>Test : IA – 2</b> Unit III and IV	Lab Session/Hands-on Training	<a href="https://www.programiz.com/cpp-programming/examples">https://www.programiz.com/cpp-programming/examples</a>
13,14,15	03.03.23 to 09.04.23	13. Write a C++ program to demonstrate Class Template 14. Write a C++ program to demonstrate Function Template 15. Write a C++ program to demonstrate Exception Handling		Lab Session/Hands-on Training	<a href="https://www.programiz.com/cpp-programming/examples">https://www.programiz.com/cpp-programming/examples</a>
	10.4.23 To 20.4.23	NIL	Model Practical Exam		

  
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Department of BCA & IT  
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R A Puram Chennai



**Dr. MGR-JANAKI COLLEGE  
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**DEPARTMENT OF COMPUTER**

**APPLICATION LESSON PLAN**

**CLASS : II BCA**

**STAFF NAME: Ms. RESHMA HASHMI, Ms. THULASI**

**SUBJECT NAME: OPEN SOURCE TECHNOLOGY**

**SUBJECT CODE: SZ24B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Introduction – Why Open Source – Open Source – Principles, Standards Requirements, Successes –	Assignment : Standards Requirements	PPT/SEMINAR	<a href="http://www.incometaxindia.gov.in/">http://www.incometaxindia.gov.in/</a>
I	02.01.23 to 17.01.23	Free Software – FOSS – Internet Application Projects	Assignment : FOSS	SEMINAR/ DEBATE/ CASESTUDY	<a href="http://www.incometaxindia.gov.in/">http://www.incometaxindia.gov.in/</a>
II	18.01.23 to 31.01.23	Open source – Initiatives, Principles, Methodologies, Philosophy, Platform, Freedom, OSSD, Licenses – Copy right, Copy left, Patent, Zero Marginal Technologies, Income generation opportunities, Internalization	Test : IA – 1 Unit I & II	TEST	
III	01.02.23 to 17.02.23	Case Studies – Apache, BSD, Linux, Mozilla (Firefox), Wikipedia, Joomla, GCC, Open Office	Assignment : Open Office	SEMINAR	<a href="http://www.onlineservices.tn.egov-nsdl.com/">http://www.onlineservices.tn.egov-nsdl.com/</a>
IV	20.02.23 to 02.03.23	Open Source Project – Starting, Maintaining – Open Source – Hardware, Design, Teaching & Medi	Test : IA – 2 Unit III & IV	PPT	
V	03.3.23 to 7.4.23	Open Source Ethics – Open Vs Closed Source – Government – Ethics – Impact of Open source Technology – Shared Software – Shared Source	Assignment : Shared Software	DEBATE/ CASESTUDY	<a href="http://www.earthtax.in/">http://www.earthtax.in/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

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**LESSON PLAN (Dec 22 – Mar '23)**

**SUBJECT NAME:** OPEN SOURCE TECHNOLOGIES LAB

**SUBJECT CODE:**SZ241

**CLASS:**II BCA 'A' & 'B'

**SEMESTER:** IV

**STAFF INCHARGE:**Ms. T.THULASI

UNIT	DATE	TOPICS	TEST/ ASSIGNMENT	TEACHING METHODOLOGY	WEB RESOURCES
I	11.12.2022 to 24.12.2022	1.Study and usage of Libre Office Suite – Writer, Calc&  Impress		LAB SESSION/HANDSON TRAINING	<a href="https://www.scribd.com">https://www.scribd.com</a>
II	2.01.2023 to 17.01.2023	2. Text Processing withPERL 3. Simple Applications  using PHP		LAB SESSION/HANDSON TRAINING	<a href="https://www.scribd.com">https://www.scribd.com</a>
III	18.01.2023 to 31.01.2023	4.Simple Applications using Python 5.Image editing  using GIMP	<b>Internal Test I:</b>  Programs 1-3	LAB SESSION/HANDSON TRAINING	<a href="https://www.scribd.com">https://www.scribd.com</a>
III	01.02.2023 to 17.02.2023	6.Study and usage of Business Intelligence tools – BIRT,  JMagallanes		LAB SESSION/HANDS ON TRAINING	<a href="https://www.scribd.com">https://www.scribd.com</a>
IV	20.02.2023 to 02.03.2023	7. Creation of network diagrams usingGraphViz		LAB SESSION/HANDSON TRAINING	<a href="https://www.scribd.com">https://www.scribd.com</a>
IV	03.03.2023 to 07.04.2023	8.Linux Installation 9.Software Configuration in Linux environment	<b>Internal Test II:</b> Programs 1- 5	LAB SESSION/HANDSON TRAINING	<a href="https://www.scribd.com">https://www.scribd.com</a>
V	10.04.2023 to 20.04.2023	10.Version Control System using Git.	<b>Model Exam:</b> All Exercises	NIL	NIL

Signature of the Staff In-charge



Signature of the HOD

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Dr. MGR JANAKI COLLEGE OF ARTS & SCIENCE  
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**DEPARTMENT OF CORPORATE SECRETARYSHIP  
LESSON PLAN**

CLASS : II BCA

STAFF NAME: Ms. ANITHA DEVI AND Ms. RUBBIYA BEGUM

SUBJECT NAME: COST AND MANAGEMENT ACCOUNTING

SUBJECT CODE: DSA04

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	<b>Cost Accounting: Definition, Meaning and Objectives – Distinction between Cost and Financial Accounting. Elements of cost and preparation of cost sheets and tender. Management Accounting – Definition and objectives – Distinction between management and Financial Accounting.</b>	Assignment : Distinction between Cost and Financial Accounting	PPT/SEMINAR	<a href="https://pakaccountants.com/courses/managementaccounting/">https://pakaccountants.com/courses/managementaccounting/</a>
II	02.01.23 to 17.01.23	<b>Stores Records – Purchase Order – Goods Received. Note – Bin Card – Stores Ledger – Purchase, Receipt and Inspection – Inventory Control – ABC Analysis – Economic Ordering Quality – Maximum, Minimum and Reordering levels – Methods of Pricing Issued.</b>	Assignment : ABC Analysis – Economic Ordering Quality	SEMINAR/ DEBATE/ CASE STUDY	<a href="https://www.reed.co.uk/courses/diploma-in-cost-and-management-accounting/238067">https://www.reed.co.uk/courses/diploma-in-cost-and-management-accounting/238067</a>
III	18.01.23 to 31.01.23	<b>Labor: Importance of Labor Cost Control – Various Methods of Wage Payment – Calculation of Wages – Methods of Incentive for Schemes.</b>	Test : IA – 1 Unit I & II	TEST	
IV	01.02.23 to 17.02.23	<b>Overheads: Factory, Administration, Selling and Distribution of Overheads – Classification – Allocation and Apportionment – Redistribution ( Secondary Distribution ) – Absorption of Overheads including 'Machine Hour Rate</b>	Assignment : Absorption of Overheads including 'Machine Hour Rate	SEMINAR/	<a href="http://www.onlineservices.tin.gov-nsdl.com/">http://www.onlineservices.tin.gov-nsdl.com/</a>
V	20.02.23 to 02.03.23	<b>Marginal Costing: The Concept – Break Even Analysis – Break – Even Chart – Importance and assumptions - Application of Profit Volumes Ratio – Budget and Budgetary Control: Procedure and Utility – Preparation of Different types of Budget including Flexible Budget.</b>	Test : IA – 2 Unit III & IV	PPT	
V	03.3.23 to 7.4.23	<b>Budgetary Control: Procedure and Utility – Preparation of Different types of Budget including Flexible Budget.</b>	Assignment : Preparation of Different types of Budget including Flexible Budget.	DEBATE/ CASE STUDY	<a href="https://www.finance.admin.cam.ac.uk/">https://www.finance.admin.cam.ac.uk/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

  
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**LESSON PLAN (Dec 22 – Mar '23)**

**SUBJECT NAME: COMPUTER NETWORK**

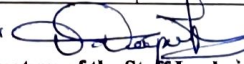
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**CLASS: II BCA 'A' & 'B'**

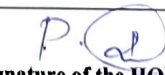
**SEMESTER: IV**

**STAFF INCHARGE: Ms. Meenakshi A**

UNIT	DATE	TOPICS	ASSIGNMENT/ TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.2022 to 24.12.2022	<b>Unit I:</b> Introduction - Network Hardware – Software – Reference Model – OSI and TCP/IP Models – Example – Networks: Internet, ATM, Ethernet and Wireless LANs	<b>Assignment 1:</b> Reference Model	<b>SEMINAR/ LECTURE</b>	<a href="https://www.javatpoint.com/computer-network-tutorial">https://www.javatpoint.com/computer-network-tutorial</a>
I	2.01.2023 to 17.01.2023	Physical Layer – Theoretical Basis of Data Communication – Guided Transmission Media.	<b>Assignment 2:</b> Guided Transmission Media	<b>SEMINAR/ LECTURE</b>	<a href="https://www.geeksforgeeks.org/computer-network-tutorials/">https://www.geeksforgeeks.org/computer-network-tutorials/</a>
II	18.01.2023 to 31.01.2023	<b>Unit II:</b> Wireless Transmission – Communication Satellites Telephone System: Structure, Local Loop Trunks and Multiplexing and Switching. Data Link Layer: Design Issues, Error Detection and Correction.	<b>Internal Test I:</b> Unit I & half of Unit II	<b>TEST</b>	<a href="https://www.spiceworks.com/what-is-a-computer-network/">https://www.spiceworks.com/what-is-a-computer-network/</a>
III	01.02.2023 to 17.02.2023	<b>Unit III:</b> Elementary Data Link Protocols – Sliding Window Protocols – Data Link Layer in the Internet – Medium Access Layer Channel Allocation Problem – Multiple Access Protocols – Bluetooth.	<b>Assignment 3:</b> Data Link Layer	<b>SEMINAR/ LECTURE</b>	<a href="https://www.sciencedirect.com/journal/computer-networks">https://www.sciencedirect.com/journal/computer-networks</a>
IV	20.02.2023 to 02.03.2023	<b>Unit IV:</b> Network Layer – Design Issues Routing Algorithms – Congestion Control Algorithms – IP Protocol – IP Addresses – Internet Control Protocols.	<b>Assignment 4:</b> Bluetooth	<b>SEMINAR/ LECTURE</b>	<a href="https://www.geeksforgeeks.org/computer-network-tutorials/">https://www.geeksforgeeks.org/computer-network-tutorials/</a>
V	03.03.2023 to 07.04.2023	<b>Unit V:</b> Transport Layer – Services Connection Management – Addressing – Establishing and Releasing a Connection – Simple Transport Protocol – Internet Transport Protocol (ITP) – Network Security: Cryptography.	<b>Internal Test II:</b> Unit I, II & half of Unit III	<b>TEST</b>	<a href="https://www.geeksforgeeks.org/computer-network-tutorials/">https://www.geeksforgeeks.org/computer-network-tutorials/</a>
	10.04.2023 to 20.04.2023		<b>Assignment 5:</b> Network Security  <b>Model Exam:</b> All Units		

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**Dr. MGR-JANAKI COLLEGE  
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**DEPARTMENT OF COMPUTER APPLICATIONS**

**LESSON PLAN**

**CLASS:** II BCA – A & B

**STAFF INCHARGE:** Ms. SUMATHI S

**SUBJECT NAME:** E-COMMERCE TECHNOLOGIES

**SUBJECT CODE:** SZ24C

UNITS	BEGINS	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCE
I	11.07.22 to 29.07.22	<b>Unit I:</b> History of E-commerce and Indian business context; Emergence of the internet- Emergence of WWW- Advantages of E-commerce -Transition of E-commerce in India-The Internet and India-E-Transition challenges for Indian Corporate-business models for E- commerce	<b>Assignment 1:</b> Advantage of E-Commerce	PPT/LECTURE	<a href="https://en.wikipedia.org/wiki/E-commerce">https://en.wikipedia.org/wiki/E-commerce</a>
II	01.08.22 to 10.08.22	E-business model based on the relationship of transaction parties- E- business model based on the relationship of transaction types <b>Unit II:</b> Enabling Technologies of the WWW- Internet client server Applications- Network and internet Software agents- Identifying web presence goals.	<b>Assignment 2:</b> Identifying web presence goals	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/web-server-and-its-type">https://www.geeksforgeeks.org/web-server-and-its-type</a>
III	11.08.22 to 19.08.22	Internet standards and specifications -ISP – E-Marketing, Traditional Marketing -Online Marketing- E- advertising- E-branding <b>Unit III:</b> E-Security- Information System Security-E-business Risk Management Issues-Legal and ethical Issues-Cyber talking- Privacy is at risk in the Internet age	<b>Internal Test I:</b> Unit I & half of Unit II	PPT/LECTURE	<a href="https://www.tutorialspoint.com/e-commerce/e-commerce-security.htm">https://www.tutorialspoint.com/e-commerce/e-commerce-security.htm</a>
IV	22.08.22 to 30.08.22	Phishing- Application fraud- skimming- copyrights-Internet Gambling- Threats to children <b>Unit IV:</b> E-payment system- Main concerns of Internet banking – Cheque payment system on the Internet-Digital token-based E-payment system- Classifications of new payment system	<b>Assignment 3:</b> Application Fraud	PPT/LECTURE	<a href="https://razorpay.com/blog/business-banking/what-is-e-banking">https://razorpay.com/blog/business-banking/what-is-e-banking</a>



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IV	01.09.22 to 07.09.22	Properties of Electronic cash- Risk and E-payment system- Digital payment Requirements-Designing E-payment system-Digital Signature- Online financial Services in India- online stock Trading.	<b>Assignment 4:</b> Digital Payment Requirements	PPT/LECTURE	<a href="https://www.forbes.com/advisor/in/banking/what-is-a-digital-payment-and-how-does-it-work">https://www.forbes.com/advisor/in/banking/what-is-a-digital-payment-and-how-does-it-work</a>
V	09.09.22 to 16.10.22	<b>Unit V:</b> Information System for Mobile Commerce- Wireless Applications- Cellular network- Wireless Spectrum- Technologies for Mobile Commerce- Wireless Technologies	<b>Internal Test II:</b> Unit II & half of Unit III	PPT/LECTURE	<a href="https://www.target.com/search/mobilecomputing/definition/m-commerce">https://www.target.com/search/mobilecomputing/definition/m-commerce</a>
V	19.09.22 to 06.10.22	Different Generations in Wireless Communications- Security Issues-Pertaining to Cellular Technology. Portals for E-Business, Portals- Human resource Management-Various HRIS Modules.	<b>Assignment 5:</b> Different Generations in Wireless Communications	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/generations-of-wireless-communication">https://www.geeksforgeeks.org/generations-of-wireless-communication</a>
V	10.10.22 to 17.10.22	NIL	<b>Model Exam:</b> All V Units	NIL	NIL

  
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**DEPARTMENT OF COMPUTER APPLICATIONS**

**LESSON PLAN**

**CLASS:** III BCA – A & B

**SUBJECT NAME:** DATA MINING

**STAFF INCHARGE:** Ms. P. RENUKA & Ms. R.T. RESHMA HASHMI

**SUBJECT CODE:** SU25A

UNITS	BEGINS	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.07.22 to 31.07.22	<b>Unit I:</b> Basic Data mining tasks – Data mining versus knowledge Discovery in Data Bases – Data mining issues – Data Mining matrices Social Implications of Data mining	<b>Assignment 1:</b> Data mining tasks	PPT/LECTURE	<a href="https://www.ibm.com/topics/data-mining">https://www.ibm.com/topics/data-mining</a>
II	02.08.22 to 10.08.22	Data Mining from Data baseperspective. <b>Unit II:</b> Data Mining techniques – a Statistical perspective on data mining – Similarity Measures –	<b>Assignment 2:</b> Similarity Measures	PPT/LECTURE	<a href="https://madhu.seas.harvard.edu/papers/1997/learning.pdf">https://madhu.seas.harvard.edu/papers/1997/learning.pdf</a>
II	11.08.22 to 21.08.22	Decision Trees – Neural networks – Genetic algorithms. <b>Unit III:</b> Classification – introduction – Statistical Based Algorithms – Distance Based Algorithms – Decision.	<b>Internal Test I:</b> Unit I & half of UnitII	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/genetic-algorithms/a-mp">https://www.geeksforgeeks.org/genetic-algorithms/a-mp</a>
III	22.08.22 to 30.08.22	<b>Unit IV:</b> Clustering Tree Based Algorithms – Neural NetworkBased Algorithms – Rule BasedAlgorithms-Combining techniques: Introduction – Similarity and Distance - Measures Outliers –	<b>Assignment 3:</b> Decision Tree Algorithm	PPT/LECTURE	<a href="https://www.javatpoint.com/artificial-neural-network">https://www.javatpoint.com/artificial-neural-network</a>



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III	01.09.22 to 16.09.22	Hierarchical algorithms – Partitioned Algorithms.  <b>Unit V: Association Rules:</b> Introduction – Large Item Sets – Basic Algorithms –	<b>Assignment 4:</b> Neural Network Based Algorithms	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/association-rule/amp">https://www.geeksforgeeks.org/association-rule/amp</a>
IV	19.09.22 to 7.10.22	Parallel and Distributed Algorithms – Comparing Approaches Incremental Rules – Advanced Association Rules Techniques – Measuring the quality of Rules.	<b>Internal Test II:</b> Unit I, II & half of Unit III  <b>Assignment 5:</b> Advanced Association Rules Techniques	PPT/LECTURE	<a href="https://www.geeksforgeeks.org/association-rule/amp">https://www.geeksforgeeks.org/association-rule/amp</a>
V	10.10.22 to 17.10.22	NIL	<b>Model Exam:</b> All Units	TEST	

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**DEPARTMENT OF COMPUTER APPLICATIONS  
LESSON PLAN**

**CLASS : III BCA 'A' & 'B'**

**SUBJECT NAME: MOBILE APPLICATION DEVELOPMENT**

**STAFF NAME: Ms.R.NANDINI, Ms.S.ARCHANA**

**SUBJECT CODE: SZ26C**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	<b>UNIT – I</b> Mobile Application Development - Mobile Applications and Device Platforms - Alternatives for Building Mobile Apps - Comparing Native vs. Hybrid Applications -The Mobile Application Development Lifecycle-The Mobile Application Front-End-The Mobile Application Back-End Key Mobile Application Services	<b>Assignment 1:</b> The Mobile Application Development Lifecycle	PPT/LECTURE	<a href="https://www.sfappworks.com/">https://www.sfappworks.com/</a>
I	02.01.23 to 17.01.23	What is Android-Android version history-Obtaining the Required Tools- Launching Your First Android Application-Exploring the IDE-Debugging Your Application-Publishing Your Application <b>UNIT - II</b> Understanding Activities-Linking Activities Using Intents	<b>Assignment 2:</b> Linking Activities Using Intents	PPT/LECTURE	<a href="https://computersciencegeeks.wordpress.com/">https://computersciencegeeks.wordpress.com/</a>
II	18.01.23 to 31.01.23	Fragments- Displaying Notifications Understanding the Components of a Screen-Adapting to Display Orientation-Managing Changes to Screen Orientation	<b>TEST:IA-1</b>  Unit I & half of Unit II	TEST	<a href="https://www.geeksforgeeks.org/">https://www.geeksforgeeks.org/</a>
III	01.02.23 to 17.02.23	Utilizing the Action Bar-Creating the User Interface Programmatically Listening for UI Notifications. <b>UNIT - III</b> Using Basic Views-Using Picker Views -Using List Views to Display Long Lists-Understanding Specialized Fragments - Using Image Views to Display Pictures.	<b>Assignment 3:</b> Decision Tree Algorithm	PPT/LECTURE	<a href="https://developer.android.com/guide/fragments">https://developer.android.com/guide/fragments</a>
IV	20.02.23 to 02.03.23	Using Menus with Views Using WebView-Saving and Loading User Preferences-Persisting Data to Files-Creating and Using Databases. <b>UNIT - IV</b> Sharing Data in Android-Creating Your Own Content Providers -Using the Content Provider	Test : IA – 2 Unit III & IV	PPT/LECTURE	<a href="https://google-developer-training.github.io/android-developer-">https://google-developer-training.github.io/android-developer-</a>
V	03.3.23 to 7.4.23	SMS Messaging -Sending Email-Displaying Maps- Getting Location Data- Monitoring a Location. <b>UNIT - V</b> Consuming Web Services Using HTTP-Consuming JSON Services-Creating Your Own Services - Binding Activities to Services -Understanding Threading.	<b>Assignment 5:</b> Advanced Association Rules Techniques	PPT/LECTURE	<a href="https://www.ibm.com/docs/SSGMCP_5.3.0/">https://www.ibm.com/docs/SSGMCP_5.3.0/</a>
VI	10.4.23 to 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF COMPUTER APPLICATIONS  
LESSON PLAN**

**CLASS : III BCA'A' & 'B'**

**SUBJECT NAME: MOBILE APPLICATION**

**DEVELOPMENT LABSTAFF NAME: Ms.R.NANDINI, Ms.S.ARCHANA SUBJECT CODE: SZ261**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
1 TO 2	07.12.22 to 24.12.22	1. Develop an application that finds greatest among three numbers using GUI Components. 2. Develop an application to display your personal details using GUI Components.		LAB SESSION/ HANDS ON TRAINING	<a href="http://www.incometaxindia.gov.in/">http://www.incometaxindia.gov.in/</a>
3 TO 4	02.01.23 to 17.01.23	3. Develop an application that uses the radio button 4. Develop an application that uses the image button		LAB SESSION/ HANDS ON TRAINING	<a href="http://www.incometaxindiaefiling.gov.in/">http://www.incometaxindiaefiling.gov.in/</a>
5 TO 6	18.01.23 to 31.01.23	5. Develop an application that uses AlertDialog box 6. Develop an application that uses Layout Managers	Test : IA – 11 to 4	LAB SESSION/ HANDS ON TRAINING	
7 TO 8	01.02.23 to 17.02.23	7. Develop an application that uses audio mode(NORMAL,SILENT,VIBRATE) 8. Develop an application that uses to send messages from one mobile to another mobile.		LAB SESSION/ HANDS ON TRAINING	<a href="http://www.online-services.tin.egov-nsdl.com/">http://www.online-services.tin.egov-nsdl.com/</a>
9 TO 10	20.02.23 to 02.03.23	9. Develop an application that uses to send email! 10. Develop an application for mobile calls.	Test : IA – 25 to 8	LAB SESSION/ HANDS ON TRAINING	
11 TO 13	03.3.23 to 7.4.23	11. Develop an application for Student Mark sheet Processing. 12. Develop an application for Login Page in Database 13. Develop an application for Google map Locator(Optional)		LAB SESSION/ HANDS ON TRAINING	<a href="http://www.cleartax.in/">http://www.cleartax.in/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF COMPUTER APPLICATION**

**LESSON PLAN**

**CLASS : III BCA**

**STAFF NAME: Ms. DEEPIKA**

**SUBJECT NAME: WEB DESIGN AND DEVELOPMENT**

**SUBJECT CODE: Sz 26A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	HTML-Introduction-tag basics- page structure-adding comments working with texts,	Assignment : BASICTAGS	PPT/SEMINAR	<a href="http://www.incometaxindia.gov.in/">http://www.incometaxindia.gov.in/</a>
I	02.01.23 to 17.01.23	paragraphs and line break. Emphasizing text-heading and horizontal rules-list-font size, face and color- alignment links-tables-frames	Assignment : TABLES	SEMINAR/ DEBATE/ CASE STUDY	<a href="http://www.incometaxindiaefiling.gov.in/">http://www.incometaxindiaefiling.gov.in/</a>
II	18.01.23 to 31.01.23	Forms & Images Using Html: Graphics: Introduction- How to work efficiently with images in web pages, image maps, GIF animation, adding multimedia, data collection with html forms textbox, password, list box, combo box, text area, tools for building web page frontpage	Test : IA - 1 Unit I & II	TEST	
III	01.02.23 to 17.02.23	XML & DHTML: Cascading style sheet (CSS)- what is CSS-Why we use CSS-adding CSS to your web pages-Grouping styles-extensible markup language (XML). Dynamic HTML: Document object model (DCOM)- Accessing HTML & CSS through DCOM Dynamic content styles & positioning-Event bubbling-data binding.	Assignment : CSS	SEMINAR/	<a href="http://www.online.services.tin.egov-nsdl.com/">http://www.online.services.tin.egov-nsdl.com/</a>
IV	20.02.23 to 02.03.23	JavaScript : Client side scripting, What is JavaScript, How to develop JavaScript, simple JavaScript, variables, functions, conditions, loops and repetition, Advance script, JavaScript and objects, JavaScript own objects, the DOM and web browser environments, forms and validation	Test : IA - 2 Unit III & IV	PPT	
V	03.3.23 to 7.4.23	Ajax: Introduction, advantages & disadvantages, Purpose of it, ajax based web application, alternatives of ajax Java Script & AJAX: Introduction to array- operators, making statements-date & time- mathematics strings-Event handling-form properties. AJAX. Introduction	Assignment : AJAX	DEBATE/ CASE STUDY	<a href="http://www.cleartax.in/">http://www.cleartax.in/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF COMPUTERAPPLICATIONS  
LESSON PLAN**

**CLASS : III BCA 'A' & 'B'  
STAFF NAME: Ms. T. THULASI**

**SUBJECT NAME: INTERNET OF THINGS  
SUBJECT CODE: SU46B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Unit I: IoT & Web Technology, The Internet of Things Today, Time for Convergence, Towards the IoT Universe, Internet of Things Vision, IoT Strategic Research and Innovation Directions, IoT Applications, Future Internet Technologies, Infrastructure, Networks and Communication, Processes, Data Management, Security, Privacy & Trust, Device Level Energy Issues, IoT Related Standardization, Recommendations on Research Topics.	Assignment : Research Topics in IOT	PPT/LECTURE	<a href="https://www.oracle.com/in/internet-of-things/what-is-iot/">https://www.oracle.com/in/internet-of-things/what-is-iot/</a>
I	02.01.23 to 17.01.23	Unit II: M2M to IoT – A Basic Perspective– Introduction, Some Definitions, M2M Value Chains, IoT Value Chains, An emerging industrial structure for IoT, The international driven global value chain and global information monopolies. M2M to IoT-An Architectural Overview– Building an architecture, Main design principles and needed capabilities, An IoT architecture outline, standards considerations.	Assignment : Architectural Overview of IOT	PPT/LECTURE	<a href="https://www.oracle.com/in/internet-of-things/what-is-iot/">https://www.oracle.com/in/internet-of-things/what-is-iot/</a>
II	18.01.23 to 31.01.23	Unit III: IoT Architecture -State of the Art – Introduction, State of the art, Architecture. Reference Model- Introduction, Reference Model and architecture, IoT reference Model, IoT Reference Architecture- Introduction, Functional View, Information View, Deployment and Operational View, Other Relevant architectural.	Test : IA – 1 Unit I & II	PPT/LECTURE	<a href="https://www.oracle.com/in/internet-of-things/what-is-iot/">https://www.oracle.com/in/internet-of-things/what-is-iot/</a>
III	01.02.23 to 17.02.23	Unit IV: IoT Applications for Value Creations Introduction, IoT applications for industry: Future Factory Concepts, Brownfield IoT, Smart Objects, Smart Applications, Four Aspects in your Business to Master IoT	Assignment : Future Factory Concepts	PPT/LECTURE	<a href="https://www.oracle.com/in/internet-of-things/what-is-iot/">https://www.oracle.com/in/internet-of-things/what-is-iot/</a>
IV	20.02.23 to 02.03.23	Value Creation from Big Data and Serialization, IoT for Retailing Industry, IoT For Oil and Gas Industry, Opinions on IoT Application and Value for Industry, Home Management, eHealth.	Test : IA – 2 Unit III & IV	PPT/LECTURE	<a href="https://www.oracle.com/in/internet-of-things/what-is-iot/">https://www.oracle.com/in/internet-of-things/what-is-iot/</a>
V	03.3.23 to 7.4.23	Unit V: Internet of Things Privacy, Security and Governance Introduction, Overview of Governance Privacy and Security Issues, Contribution from FP7 Projects, Security, Privacy and Trust in IoT-Data-Platforms for Smart Cities, First Steps Towards a Secure Platform, Smartie Approach. Data Aggregation for the IoT in Smart Cities, Security	Assignment : Future of IOT	PPT/LECTURE	<a href="https://www.oracle.com/in/internet-of-things/what-is-iot/">https://www.oracle.com/in/internet-of-things/what-is-iot/</a>
	10.4.23 to 20.4.23	NIL	Model Exam	NIL	NIL

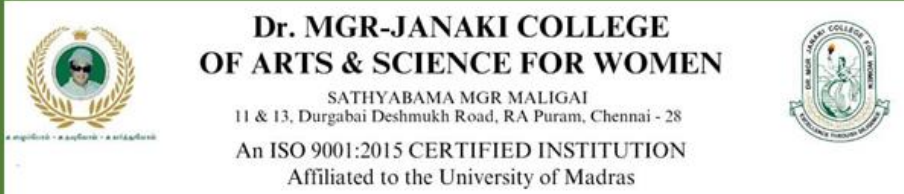
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**ACADEMIC YEAR 2022-2023**

**B.Sc. Mathematics**



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**DEPARTMENT OF TAMIL  
LESSON PLAN**

**CLASS : ALL UG 1st YEAR  
STAFF NAME: Dr.Shanthi**

**SUBJECT NAME: GENERAL TAMIL  
SUBJECT CODE: LA12A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	செய்யுள்-நற்றிணை(87,88), குறுந்தொகை (46,88,89), கலித்தொகை(11), அகநானூறு (86), ஐங்குறுநூறு கிள்ளைப்பத்து, பரிபாடல் -செவ்வேள் 5, எட்டுத்தொகை - இலக்கிய வரலாறு	Assignment: எட்டுத்தொகை இலக்கிய வரலாறு	PPT/SEMINAR	KCSKNC TAMIL SURANGAM
II	18.01.23 to 31.01.23	புறநானூறு -182,192, பதிற்றுப்பத்து-56,57 பத்துப்பாட்டு -இலக்கிய வரலாறு, முல்லைப்பாட்டு முழுவதும்,	Test : IA - 1 Unit I and II	SEMINAR/ திருக்குறள்	Tamil literary Junction
III	01.02.23 to 17.02.23	பதினெண்கீழ்க்கணக்குநூல்கள்- இலக்கிய வரலாறு, திருக்குறள்-காலமறிதல்,, சுற்றந்தழால் கண்ணோட்டம்	Assignment: பதினெண்கீழ்க்கணக்கு நூல்கள்	TEST	KCSKNC Tamil Surangam
IV	20.02.23 to 02.03.23	நாலடியார் -ஈகை, முச்சங்க வரலாறு	Test : IA - 2 Unit III and IV	TEST	Web Tamil Nanban
V	03.03.23 to 09.04.23	மொழிப்பயிற்சி -இலக்கணக் குறிப்பு, ஒற்று மிகும்,மிகா இடங்கள்	Assignment : இலக்கண குறிப்புகள்	PPT/SEMINAR	Web Tamil Nanban
	10.4.23 To 20.4.23	NIL	Model Exam		

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*V. Shanmugam*  
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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS : I BSC MATHEMATICS**  
**STAFF NAME: DR. V. AGNES LAVANYA**

**SUBJECT NAME: TRIGONOMETRY**  
**SUBJECT CODE: SM22A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	Expansions of powers of $\sin\theta$ , $\cos\theta$ - Expansions of $\cos n\theta$ , $\sin n\theta$ , $\cos m\theta \sin n\theta$	Assignment: Expansions of trigonometric functions	PPT/SEMINAR	<a href="http://mathworld.wolfram.com">http://mathworld.wolfram.com</a>
II	18.01.23 to 31.01.23	Expansions of $\sin n\theta$ , $\cos n\theta$ , $\tan n\theta$ - Expansions of $\tan(\theta_1+\theta_2+\dots+\theta_n)$ - Expansions of $\sin x$ , $\cos x$ , $\tan x$ in terms of $x$ - Sum of roots of trigonometric equations - Formation of equation with trigonometric roots	Test : IA - 1 Unit I and II	SEMINAR/ DEBATE	
III	01.02.23 to 17.02.23	Hyperbolic functions - Relation between circular and hyperbolic functions - Formulas in hyperbolic functions - Inverse hyperbolic functions	Assignment: Trigonometric equations	TEST	<a href="http://mathworld.wolfram.com">http://mathworld.wolfram.com</a>
IV	20.02.23 to 02.03.23	Inverse function of exponential functions - Values of $\log(u+iv)$ - Complex index.	Test : IA - 2 Unit III and IV	TEST	<a href="http://ocw.mit.edu/courses/mathematics/">http://ocw.mit.edu/courses/mathematics/</a>
V	03.03.23 to 09.04.23	Sums of Trigonometric series - Applications of binomial, exponential, logarithmic and Gregory's series - Difference method.	Assignment : Sum of trigonometrical series	PPT/SEMINAR	<a href="http://ocw.mit.edu/courses/mathematics/">http://ocw.mit.edu/courses/mathematics/</a>
	10.4.23 To 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS : I BSC MATHEMATICS  
STAFF NAME: MS. R. PAMILA**

**SUBJECT NAME: INTEGRAL CALCULUS AND VECTOR ANALYSIS  
SUBJECT CODE: SM22B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	Reduction formulae, Bernoulli's formula	Assignment: Multiple integral	PPT/SEMINAR	<a href="http://mathworld.wolfram.com/">http://mathworld.wolfram.com/</a>
II	18.01.23 to 31.01.23	Multiple integral- double integral- triple integral, Volume of solids- area of curved surfaces- Jacobians	Test: IA - 1 Unit I and II	SEMINAR/ DEBATE	<a href="http://mathworld.wolfram.com/">http://mathworld.wolfram.com/</a>
III	01.02.23 to 17.02.23	Beta and Gamma functions - infinite integral - definitions - recurrence formula of gamma functions - properties of beta functions - relation between beta and gamma functions.	Assignment: Beta and Gamma functions	TEST	<a href="http://www.sosmath.com/">http://www.sosmath.com/</a>
IV	20.02.23 to 02.03.23	Introduction - directional derivative- Gradient- divergence- curl- Laplacian Differential Operator.	Test : IA - 2 Unit III and IV	TEST	<a href="http://www.sosmath.com/">http://www.sosmath.com/</a>
V	03.03.23 to 09.04.23	Line, surface and volume integrals - Integral Theorems - Gauss, Greens and Stokes (Without proof) - Problems.	Assignment : Vector integration	PPT/SEMINAR	<a href="http://mathworld.wolfram.com/">http://mathworld.wolfram.com/</a>
	10.4.23 To 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: I BSC MATHEMATICS**  
**STAFF NAME: Ms. Preethy C**

**SUBJECT NAME: Calculus of Finite Differences and Numerical Analysis-II**  
**SUBJECT CODE: SM3AF**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	22.12.22 to 17.01.23	Numerical Differentiation: Derivatives using Newton's forward and backward difference formulae-Derivatives using Stirling's formula- Derivatives using divided difference formula Maxima and Minima using the above formulae	Assignment: Numerical Differentiation	PPT/SEMINAR	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
II	18.01.23 to 31.01.23	Numerical Integration: General Quadrature formula- Trapezoidal rule-Simpson's one-third rule Simpson's three-eighth rule- Weddle's rule- Euler-Maclaurin Summation formula Stirling's formula for n!.	Test: IA - 1 Unit I and II	SEMINAR/ DEBATE	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
III	01.02.23 to 17.02.23	Difference equations: Linear homogenous and nonhomogeneous difference equation with constant coefficients- particular integrals for $a^x, x^m, \sin kx, \cos kx$ .	Assignment: nonhomogeneous difference equation	TEST	<a href="https://www.encyclopediamath.org/index.php/Finite-difference-calculus">https://www.encyclopediamath.org/index.php/Finite-difference-calculus</a>
IV	20.02.23 to 02.03.23	Numerical solution of Ordinary Differential Equations (I order only): Taylor's series method- Picard's method- Euler's method- Modified Euler's method.	Test : IA - 2 Unit III and IV	TEST	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
V	03.03.23 to 09.04.23	Numerical solution of Ordinary Differential Equations (I order only): Rungekuttamethod(fourth order only)- Predictor-Corrector method- Milne's method - Adams-Bashforth method.	Assignment : Predictor- Corrector method	PPT/SEMINAR	<a href="https://www.encyclopediamath.org/index.php/Finite-difference-calculus">https://www.encyclopediamath.org/index.php/Finite-difference-calculus</a>
	10.4.23 To 20.4.23	NIL	Model Exam		

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*C. Preethy*



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*Preethy*



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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: II BSC MATHEMATICS**  
**STAFF NAME: Dr. V. Vishnupriya**

**SUBJECT NAME: Transform Techniques**  
**SUBJECT CODE:SM24A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	The Laplace Transforms-Definitions-Sufficient conditions for the existence of the Laplace transform(without proof)-Laplace transform of periodic functions	Assignment : Laplace Transforms	PPT/SEMINAR	<a href="http://mathworld.wolfram.com/">http://mathworld.wolfram.com/</a>
I	02.01.23 to 17.01.23	some general theorems-evaluation of integrals using Laplace transform-Problems.	Assignment : Evaluation of integrals using Laplace transform	SEMINAR/ DEBATE/ CASE STUDY	
II	18.01.23 to 31.01.23	The inverse Laplace Transforms- Applications of Laplace Transforms to ordinary differential equations with constant coefficients and variable coefficients, simultaneous equations and equations involving integrals-Problems.	Test : IA - 1 Unit I & II	TEST	<a href="http://mathworld.wolfram.com/">http://mathworld.wolfram.com/</a>
III	01.02.23 to 17.02.23	Fourier series- Expansion of periodic functions of period $2\pi$ - Expansion of even and odd functions, Half range Fourier series-Change of intervals -Problems.	Assignment : Expansion of periodic functions of period $2\pi$	SEMINAR/	<a href="http://www.somath.com/">http://www.somath.com/</a>
IV	20.02.23 to 02.03.23	Fourier Transform- Infinite Fourier Transform(Complex form) - Properties of Fourier Transform - Fourier cosine and Fourier sine Transform - Properties - Parseval's identity - Convolution theorem - Problems	Test : IA - 2 Unit III & IV	PPT	<a href="http://www.somath.com/">http://www.somath.com/</a>
V	03.3.23 to 7.4.23	Z Transforms: Definition of Z-Transform and its properties - Z-Transforms of some basic functions- Examples and simple problems	Assignment : Z-Transforms of some basic functions	DEBATE/ CASE STUDY	<a href="http://mathworld.wolfram.com/">http://mathworld.wolfram.com/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: II BSC MATHEMATICS**  
**STAFF NAME: Dr. P. Lakshmi Gayathri**

**SUBJECT NAME: Statics**  
**SUBJECT CODE: SM24B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Force- Newton's laws of motion - resultant of two forces on a particle- Equilibrium of a particle	Assignment : Newton's laws of motion	PPT/SEMINAR	<a href="https://www.wikipedia.org/">https://www.wikipedia.org/</a>
II	02.01.23 to 17.01.23	Forces on a rigid body – moment of a force – general motion of a rigid body	Assignment : Forces on a rigid body	SEMINAR/ DEBATE/ CASE STUDY	
II	18.01.23 to 31.01.23	Equivalent systems of forces – parallel forces – forces along the sides of a triangle – couples	Test: IA – 1 Unit I & II	TEST	<a href="https://physics.info/">https://physics.info/</a>
III	01.02.23 to 17.02.23	Resultant of several coplanar forces- equation of the line of action of the resultant- Equilibrium of a rigid body under three coplanar forces – Reduction of coplanar forces into a force and a couple.-problems involving frictional forces	Assignment : coplanar forces	SEMINAR/	<a href="https://www.wikipedia.org/">https://www.wikipedia.org/</a>
IV	20.02.23 to 02.03.23	Centre of mass - finding mass centre – a hanging body in equilibrium	Test: IA – 2 Unit III & IV	PPT	<a href="https://physics.info/">https://physics.info/</a>
V	03.3.23 to 7.4.23	Hanging strings- equilibrium of a uniform homogeneous string – suspension bridge	Assignment : Strings	DEBATE/ CASE STUDY	<a href="https://physics.info/">https://physics.info/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: II BSC MATHEMATICS**  
**STAFF NAME: Dr. N.R. YAMUNA**

**SUBJECT NAME: MATHEMATICAL STATISTICS- II**  
**SUBJECT CODE:SM3AG**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Sampling theory, Sampling distribution, concept of standard error, Students t, Chi-square and F distribution	Assignment : Sampling theory	PPT/SEMINAR	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
II	02.01.23 to 17.01.23	Point estimation, unbiasedness, consistency, efficiency and sufficiency, Cramer Rao Inequality,	Assignment : estimation	SEMINAR/ DEBATE/ CASE STUDY	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
II	18.01.23 to 31.01.23	Maximum likelihood, moments, minimum square and properties.	Test: IA - 1 Unit I & II	TEST	
III	01.02.23 to 17.02.23	Test of significance, Standard error, Large sample test, normal, t, Chi-square and F distribution with respect to population mean, proportion, variance and correlation coefficient. Independence of attribute and goodness of fit.	Assignment: Independence of attribute	SEMINAR/	<a href="https://www.wikipedia.org/">https://www.wikipedia.org/</a>
IV	20.02.23 to 02.03.23	ANOVA, Interval estimation- Confidence intervals for population mean, Proportion and variances based on t, Chi-square and F.	Test: IA - 2 Unit III & IV	PPT	<a href="http://ebooks.jpu.de.in/statistics/">http://ebooks.jpu.de.in/statistics/</a>
V	03.3.23 to 7.4.23	Testing of hypothesis, power of test, Neymann Pearson lemma, likelihood ratio test, most powerful test and Problems.	Assignment : Likelihood ratio test	DEBATE/ CASE STUDY	<a href="http://ebooks.jpu.de.in/statistics/">http://ebooks.jpu.de.in/statistics/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: II BSC MATHEMATICS**  
**STAFF NAME: DR. AGNES LAVANYA**

**SUBJECT NAME: ENVIRONMENTAL STUDIES PROGRAMME**  
**SUBJECT CODE:ENV4B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Multidisciplinary nature of environmental studies; Scope and importance; concept of sustainability and sustainable development.	Assignment : Scope and Importance of Environmental studies	PPT/SEMINAR	
II	02.01.23 to 17.01.23	What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: Food chains, food webs and ecological succession,	Assignment : Identification of different ecosystem	SEMINAR/ DEBATE/ CASE STUDY	
II	18.01.23 to 31.01.23	Case studies of the following ecosystem: a) Forest ecosystem b) Grassland ecosystem c) Desert ecosystem d) Aquatic ecosystem (ponds, stream, lakes, rivers, ocean, estuaries)	Test: IA – 1 Unit I & II	TEST	
III	01.02.23 to 17.02.23	Land resources and land use change: Land degradation, soil erosion and desertification. • Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations. • Water: Use and over –exploitation of surface and ground water, floods, droughts, conflicts over water (international and inter-state). • Energy resources : Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies.	Assignment: A case study on deforestation and its impact	SEMINAR/	
IV	20.02.23 to 02.03.23	Levels of biological diversity: genetics, species and ecosystem diversity, Biogeographic zones of India: Biodiversity patterns and global biodiversity hot spots • India as a mega- biodiversity nation, Endangered and endemic species of India. • Threats to biodiversity: Habitat loss, poaching of wildlife, man- wildlife conflicts, biological invasions; Conservations of biodiversity: In-situ and Ex-situ Conservation of biodiversity. • Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.	Test: IA – 2 Unit III & IV	PPT	
V	03.3.23 to 7.4.23	Environmental pollution: types, causes, effects and controls: Air, Water, soil and noise Pollution. • Nuclear hazards and human health risks • Solid waste management: Control measures of urban and industrial waste • Pollution case studies.	Assignment : Biological Diversity in India	DEBATE/ CASE STUDY	
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**LESSON PLAN**

**CLASS: III BSC MATHEMATICS**  
**STAFF NAME: DR. LAKSHMI GAYATHRI**

**SUBJECT NAME: ALGEBRAIC STRUCTURES-II**  
**SUBJECT CODE:SM26A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Vector spaces. Elementary basic concepts	Assignment : Vector spaces	PPT/SEMINAR	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
I	02.01.23 to 17.01.23	Linear independence and bases	Assignment :Lin ear dependence & independence	SEMINAR/ DEBATE/ CASE STUDY	
II	18.01.23 to 31.01.23	Dual spaces	Test: IA - 1 Unit I & II	TEST	<a href="http://ebooks.lpu.de.in.linearalgebra/">http://ebooks.lpu.de.in.linearalgebra/</a>
III	01.02.23 to 17.02.23	Inner product spaces.	Assignment:Inne r product spaces	SEMINAR/	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
IV	20.02.23 to 02.03.23	Algebra of linear transformations- characteristic roots.	Test: IA - 2 Unit III & IV	PPT	<a href="http://ebooks.lpu.de.in.linearalgebra/">http://ebooks.lpu.de.in.linearalgebra/</a>
V	03.3.23 to 7.4.23	Matrices- canonical forms- triangular forms.	Assignment : Matrices	DEBATE/ CASE STUDY	<a href="http://ebooks.lpu.de.in.linearalgebra/">http://ebooks.lpu.de.in.linearalgebra/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: III BSC MATHEMATICS**  
**STAFF NAME: DR. VISHNUPRIYA**

**SUBJECT NAME: REAL ANALYSIS-II**  
**SUBJECT CODE: SM26B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Continuous Functions on Metric Spaces: Open sets-closed sets- Discontinuous function on $\mathbb{R}^1$ . Connectedness.	Assignment : Open & closed sets	PPT/SEMINAR	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
I	02.01.23 to 17.01.23	Completeness and Compactness :More about open sets-Connected sets.	Assignment : Connected sets	SEMINAR/ DEBATE/ CASE STUDY	
II	18.01.23 to 31.01.23	Bounded sets and totally bounded sets: Complete metric spaces- compact metric spaces, continuous functions on a compact metric space, continuity of inverse functions, uniform continuity.	Test: IA - 1 Unit I & II	TEST	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
III	01.02.23 to 17.02.23	Calculus: Sets of measure zero, definition of the Riemann integral, existence of the Riemann integral-properties of Riemann integral.	Assignment: Complete & compact	SEMINAR/	<a href="https://mathonline.wikidot.com/">https://mathonline.wikidot.com/</a>
IV	20.02.23 to 02.03.23	Derivatives- Rolle's theorem, Law of mean, Fundamental theorems of calculus	Test: IA - 2 Unit III & IV	PPT	<a href="https://mathonline.wikidot.com/">https://mathonline.wikidot.com/</a>
V	03.3.23 to 7.4.23	Taylor's theorem- Pointwise convergence of sequences of functions, uniform convergence of sequences of functions	Assignment : Point wise convergence	DEBATE/ CASE STUDY	<a href="https://en.wikipedia.org/wiki/Metric_space">https://en.wikipedia.org/wiki/Metric_space</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: III BSC MATHEMATICS**  
**STAFF NAME: MS. PAMILA**

**SUBJECT NAME: COMPLEX ANALYSIS**  
**SUBJECT CODE: SM26C**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Analytic Functions: Functions of a Complex Variable - Limit- Theorems on Limits - Continuous functions- Differentiability	Assignment : Analytic Functions:	PPT/SEMINAR	<a href="http://ebooks.lpu.de.in.complexanalysis/">http://ebooks.lpu.de.in.complexanalysis/</a>
I	02.01.23 to 17.01.23	Cauchy - Riemann equations - Analytic functions- Harmonic functions - Conformal mapping.	Assignment: Conformal mapping.	SEMINAR/ DEBATE/ CASE STUDY	
II	18.01.23 to 31.01.23	Bilinear Transformations: Elementary transformations - Bilinear transformations - Cross ratio Fixed Points of Bilinear Transformations - Mapping by Elementary Functions - The Mapping $w = z^2, z^n, n$ is a positive integer, $w = e^z, \sin z, \cos z$ .	Test: IA - 1 Unit I & II	TEST	<a href="http://ebooks.lpu.de.in.complexanalysis/">http://ebooks.lpu.de.in.complexanalysis/</a>
III	01.02.23 to 17.02.23	Complex Integration - definite integral - Cauchy's Theorem - Cauchy's integral formula - Higher derivatives.	Assignment: Cauchy's Theorem	SEMINAR/	<a href="http://ebooks.lpu.de.in.complexanalysis/">http://ebooks.lpu.de.in.complexanalysis/</a>
IV	20.02.23 to 02.03.23	Series expansions - Taylor's series - Laurent's Series - Zeroes of analytic functions Singularities	Test: IA - 2 Unit III & IV	PPT	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
V	03.3.23 to 7.4.23	Residues - Cauchy's Residue Theorem - Evaluation of definite integrals	Assignment : Residues	DEBATE/ CASE STUDY	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

  
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**LESSON PLAN**

**CLASS: III BSC MATHEMATICS**  
**STAFF NAME: MS. A. MUTHULAKSHMI**

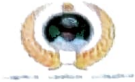
**SUBJECT NAME: GRAPH THEORY**  
**SUBJECT CODE: SM4AG**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Graphs and Sub graphs: Introduction- Definition and examples, degrees, sub graphs, isomorphism, independent sets and coverings.	Assignment : Graphs & sub graphs	PPT/SEMINAR	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
I	02.01.23 to 17.01.23	Intersection graphs and line graphs, matrices, operations on graphs	Assignment : Op erations on graphs	SEMINAR/ DEBATE/ CASE STUDY	
II	18.01.23 to 31.01.23	Degree sequences and Connectedness: Degree sequences and graphic sequences - simple problems. Walks, trails, paths, connectedness and components, blocks, connectivity - simple problems.	Test: IA - 1 Unit I & II	TEST	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
III	01.02.23 to 17.02.23	Eulerian and Hamiltonian graphs	Assignment: Eulerian & Hamiltonian	SEMINAR/	<a href="https://mathonline.wikidot.com/">https://mathonline.wikidot.com/</a>
IV	20.02.23 to 02.03.23	Trees: Characterisation of Trees, Centre of a Tree - simple problems. Planarity: Definition and properties, characterization of planar graphs.	Test: IA - 2 Unit III & IV	PPT	<a href="https://mathonline.wikidot.com/">https://mathonline.wikidot.com/</a>
V	03.3.23 to 7.4.23	Directed Graphs: Definition and basic properties, paths and connections, digraphs and matrices, tournament	Assignment : Digraphs & matrices	DEBATE/ CASE STUDY	<a href="http://ebooks.lpu.de.in/graphtheory/">http://ebooks.lpu.de.in/graphtheory/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: III BSC MATHEMATICS**  
**STAFF NAME: DR. AGNES LAVANYA**

**SUBJECT NAME: OPERATIONS RESEARCH**  
**SUBJECT CODE: SM4AH**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	07.12.22 to 24.12.22	Linear programming: Formulation – graphical solution. Simplex method. Big-M method. Duality-primal-dual relation	Assignment : Simplex method	PPT/SEMINAR	<a href="http://ebooks.lpu.de.in/operationsresearch/">http://ebooks.lpu.de.in/operationsresearch/</a>
II	02.01.23 to 17.01.23	Transportation problem: Mathematical Formulation. Basic Feasible solution. North West Corner rule, Least Cost Method, Vogel's approximation. Optimal Solution. Unbalanced Transportation Problems.	Assignment : Transportation problem	SEMINAR/ DEBATE/ CASE STUDY	
II	18.01.23 to 31.01.23	Degeneracy in Transportation problems. Assignment problem: Mathematical Formulation. Comparison with Transportation Model. Hungarian Method. Unbalanced Assignment problems	Test: IA – 1 Unit I & II	TEST	<a href="http://ebooks.lpu.de.in/operationsresearch/">http://ebooks.lpu.de.in/operationsresearch/</a>
III	01.02.23 to 17.02.23	Sequencing problem: n jobs on 2 machines – n jobs on 3 machines – two jobs on m machines – n jobs on m machines. Game theory : Two-person Zero-sum game with saddle point – without saddle point – dominance – solving 2 x n or m x 2 game by graphical method	Assignment: Sequencing problem	SEMINAR/	<a href="https://ocw.mit.edu/">https://ocw.mit.edu/</a>
IV	20.02.23 to 02.03.23	Queuing theory: Basic concepts. Steady state analysis of M / M / 1 and M / M / S models with finite and infinite capacities.	Test: IA – 2 Unit III & IV	PPT	<a href="https://ocw.mit.edu/">https://ocw.mit.edu/</a>
V	03.3.23 to 7.4.23	Network: Project Network diagram – CPM and PERT computations. (Crashing excluded)	Assignment : Project Network diagram	DEBATE/ CASE STUDY	<a href="https://ocw.mit.edu/">https://ocw.mit.edu/</a>
	10.4.23 to 20.4.23	NIL	Model Exam		

  
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**DEPARTMENT OF TAMIL  
LESSON PLAN**

**CLASS : All UG CLASS  
STAFF NAME: Dr. Shanthi**

**SUBJECT NAME: GENERAL TAMIL  
SUBJECT CODE: LA11A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.8.22 to 30.8.22	மரபுக்கவிஞர்கள் -இலக்கியவரலாறு, பாரத சமுதாயம், ஒற்றுமைப்பாட்டு, உடல் நலம் பேணல், தமிழன் இதயம், குடும்பம் ஒரு கதம்பம், வருங்காலம் உண்டு, வழிப்பயணம்	Assignment: மரபுக்கவிஞர்கள் இலக்கிய வரலாறு	PPT/SEMINAR	DVR Audio Books
II	1.9.22 To 16.9.22	புதுக்கவிதை தோற்றம் வளர்ச்சி -இலக்கிய வரலாறுகாதல்- லீலை, பித்தன் ஒரு கடிதம் அனாதையாகிவிட்டது-நிழல்கள், ஒவ்வொரு புல்லையும் பெயர் சொல்லி அழைப்பேன், சொல்லில் உயர்வு தமிழ்ச்சொல்லே, விதைச்சோளம், இன்று நான் பெரிய பெண்	Assignment: புதுக்கவிதை தோற்றம், வளர்ச்சி	SEMINAR/ தமிழ் மொழியின் சிறப்பு	Mind and Words
III	19.9.22 To 29.9.22	நாட்டுப்புறப் பாடல்கள் தோற்றம், வளர்ச்சி, செய்யுள் -அம்பா பாடல்கள், விளையாட்டுப் பாடல்கள், நடவுப் பாட்டு	Test : IA – 1 Unit I and II	PPT/SEMINAR	MUSIC DROPS
IV	30.9.22 TO 7.10.22	சிறுகதை தோற்றம் வளர்ச்சி -இலக்கிய வரலாறு, சிறுகதைகள்-கனகாம்பரம், குமார புரம் ஸ்டேஷன், வெயிலோடு போய், வட்டக் கண்ணாடி, பிளாஸ்டிக் டப்பாவில் பராசக்தி முதலியோர், தமிழின்பம்	Assignment : தமிழின்பம்	PPT/SEMINAR	Web Tamil Nanban
V	10.10.22 TO 17.10.22	நாற்காலிக்காரர்-நாடகம்,	Model Exam		WebTamil Nanban

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: I BSC MATHEMATICS**  
**STAFF NAME: Ms. Surekha**

**SUBJECT NAME: COMMUNICATIVE ENGLISH I**  
**SUBJECT CODE: LZ11A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.8.22 to 30.8.22	<p>Listening and Speaking</p> <p>a. Introducing self and others</p> <p>b. Listening for specific information</p> <p>c. Pronunciation (without phonetic symbols)</p> <p>i. Essentials of pronunciation</p> <p>ii. American and British pronunciation</p> <p>iii. Identifying topic sentences</p> <p>2. Reading and Writing</p> <p>a. Reading short articles – newspaper reports / fact based articles</p> <p>i. Skimming and scanning</p> <p>ii. Diction and tone</p> <p>iii. Identifying topic sentences</p> <p>b. Reading aloud: Reading an article/report</p> <p>c. Journal (Diary) Writing</p> <p>3. Study Skills - 1</p> <p>a. Using dictionaries, encyclopaedias, thesaurus</p> <p>4. Grammar in Context:</p> <p>Naming and Describing</p> <ul style="list-style-type: none"> <li>• Nouns &amp; Pronouns</li> <li>• Adjectives</li> </ul>	<p>Assignment:</p> <p>Reading short articles – newspaper reports / fact based articles</p>	PPT/SEMINAR	<a href="https://www.britannica.com/topic/grammar">https://www.britannica.com/topic/grammar</a>
II		<p>1. Listening and Speaking</p> <p>a. Listening with a Purpose</p> <p>b. Effective Listening</p> <p>c. Tonal Variation</p> <p>d. Listening for Information</p> <p>e. Asking for Information</p> <p>f. Giving Information</p> <p>2. Reading and Writing</p> <p>1. a. Strategies of Reading:</p> <p>Skimming and Scanning</p> <p>b. Types of Reading: Extensive and Intensive Reading</p> <p>c. Reading a prose passage</p> <p>d. Reading a poem</p> <p>e. Reading a short story</p>			

II	1.9.22 To 16.9.22	<p>2. Paragraphs: Structure and Types</p> <ol style="list-style-type: none"> <li>a. What is a Paragraph?</li> <li>b. Paragraph structure</li> <li>c. Topic Sentence</li> <li>d. Unity</li> <li>e. Coherence</li> <li>f. Connections between Ideas: Using Transitional words and expressions</li> <li>g. Types of Paragraphs</li> </ol> <p>3. Study Skills II: Using the Internet as a Resource</p> <ol style="list-style-type: none"> <li>a. Online search</li> <li>b. Know the keyword</li> <li>c. Refine your search</li> <li>d. Guidelines for using the Resources</li> <li>e. e-learning resources of Government of India</li> <li>f. Terms to know</li> </ol> <p>4. Grammar in Context Involving Action-I</p> <ol style="list-style-type: none"> <li>a. Verbs</li> <li>b. Concord</li> </ol>	Assignment: writing a short descriptive essay of two to three paragraphs.	SEMINAR/ DEBATE	<a href="https://www.learnamericanenglishonline.com/Write_in_English/WL10_types_of_paragraphs.html#:~:text=The%20four%20different%20types%20of,narrative%2C%20expository%2C%20and%20persuasive">https://www.learnamericanenglishonline.com/Write_in_English/WL10_types_of_paragraphs.html#:~:text=The%20four%20different%20types%20of,narrative%2C%20expository%2C%20and%20persuasive</a>
III		<ol style="list-style-type: none"> <li>1. Listening and Speaking       <ol style="list-style-type: none"> <li>a. Giving and following instructions</li> <li>b. Asking for and giving directions</li> <li>c. Continuing discussions with connecting ideas</li> </ol> </li> <li>2. Reading and writing       <ol style="list-style-type: none"> <li>a. Reading feature articles (from newspapers and magazines)</li> <li>b. Reading to identify point of view and perspective (opinion pieces, editorials etc.)</li> <li>c. Descriptive writing – writing a short descriptive essay of two to three paragraphs.</li> </ol> </li> <li>3. Grammar in Context: Involving Action – II Verbals - Gerund, Participle, Infinitive       <ul style="list-style-type: none"> <li>• Modals</li> </ul> </li> </ol>			
IV	19.9.22 To 29.9.22	<ol style="list-style-type: none"> <li>1. Listening and Speaking       <ol style="list-style-type: none"> <li>a. Giving and responding to opinions</li> </ol> </li> <li>2. Reading and writing       <ol style="list-style-type: none"> <li>a. Note taking</li> <li>b. Narrative writing – writing narrative essays of two to three paragraphs</li> </ol> </li> <li>3. Grammar in Context: Tense       <ul style="list-style-type: none"> <li>• Present</li> <li>• Past</li> <li>• Future</li> </ul> </li> </ol>	Test: IA – 1 Unit I and II	PPT/SEMINAR	<a href="https://www.englishclub.com/grammar/verb-tenses.php">https://www.englishclub.com/grammar/verb-tenses.php</a>

V	30.9.22 TO 7.10.22	<p>1. Listening and Speaking</p> <p>a. Participating in a Group Discussion</p> <p>2. Reading and writing</p> <p>a. Reading diagrammatic information – interpretations maps, graphs and pie charts</p> <p>b. Writing short essays using the language of comparison and contrast</p> <p>3. Grammar in Context: Voice (showing the relationship between Tense and Voice)</p>	Assignment: Writing short essays using the language of comparison and contrast	PPT/SEMINAR	
	10.10.22 TO 17.10.22	NIL	Model Exam		

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**DEPARTMENT OF MATHEMATICS**


**LESSON PLAN**

**CLASS : I BSC MATHS**  
**STAFF NAME: DR. V. AGNES LAVANYA**

**SUBJECT NAME: ALGEBRA**  
**SUBJECT CODE: SM21A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I  II	20.8.22 to 30.8.22	Theory of Equations: Polynomial equations with Imaginary and irrational roots- Relation between roots and coefficients- Symmetric functions of roots in terms of coefficients. Reciprocal equations - Standard form-Increase or Decrease the roots of the given equation  Removal of terms Approximate solutions of roots of polynomials by Horner's method.	Assignment: Imaginary & irrational roots	PPT/SEMINAR	<a href="http://mathworld.wolfram.com">http://mathworld.wolfram.com</a>
II  III	19.22 To 16.9.22	Horner's method  Summation of Series : Binomial- Exponential -Logarithmic series (Theorems without proof)	Assignment: Horner's method	SEMINAR/ DEBATE	<a href="http://mathworld.wolfram.com">http://mathworld.wolfram.com</a>
IV	19.9.22 To 29.9.22	Symmetric- Skew Symmetric- Hermitian- Skew Hermitian- Orthogonal Matrices- Eigen values & Eigen Vectors- Similar matrices- Cayley - Hamilton Theorem.	Test : IA - 1 Unit I and II	PPT/SEMINAR	<a href="http://www.themathpage.com/">http://www.themathpage.com/</a>
V	30.9.22 TO 7.10.22	Prime number and Composite number - Divisors of a given number N- Euler's function (without proof) - Integral part of a real number - congruence.	Assignment : Congruence modulo n, highest power of a prime number p contained in n!	PPT/SEMINAR	
	10.10.22 TO 17.10.22	NIL	Model Exam		

  
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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: I B. Sc MATHEMATICS  
STAFF NAME: MS. KRITHIKA**

**SUBJECT NAME: DIFFERENTIAL CALCULUS  
SUBJECT CODE: SM21B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	20.8.22	Successive differentiation - nth derivative- standard results – Trigonometrical transformation – formation of equations using derivatives - Leibnitz's theorem and its applications	Assignment: Leibnitz's theorem and its applications	PPT/SEMINAR	<a href="http://www.themathpage.com/">http://www.themathpage.com/</a>
II	30.8.22	Total differential of a function – special cases – implicit functions - partial derivatives of a function of two functions			
II	1.9.22	Maxima and Minima of functions of two variables- Lagrange's method of undetermined multipliers.	Assignment: Lagrange's method of undetermined multipliers.	SEMINAR/DEBATE	<a href="http://mathworld.wolfram.com">http://mathworld.wolfram.com</a>
III	To 16.9.22	Envelopes – method of finding envelopes – Curvature- circle, radius and centre of curvature- Cartesian formula for radius of curvature – coordinates of the centre of curvature – evolute-and involute - radius of curvature and centre of curvature in polar coordinates – p-r equation			
IV	19.9.22 To 29.9.22	Polar coordinates - angle between the radius vector and the tangent – slope of the tangent in the polar coordinates – the angle of intersection of two curves in polar coordinates- polar sub tangent and polar sub normal – the length of arc in polar coordinates.	Test: IA – 1 Unit I and II	PPT/SEMINAR	<a href="http://www.univie.ac.at/futuremedia/moe/galerie.html">http://www.univie.ac.at/futuremedia/moe/galerie.html</a>
V	30.9.22 TO 7.10.22	Definition-Asymptotes parallel to the axes – special cases – another method for finding asymptotes - asymptotes by inspection – intersection of a curve with an asymptote.	Assignment: Radius of curvature and centre of curvature	PPT/SEMINAR	<a href="http://www.alyzemath.com/calculus">http://www.alyzemath.com/calculus</a>
	10.10.22 TO 17.10.22	NIL	Model Exam		

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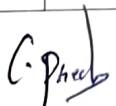
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**LESSON PLAN**

**CLASS : I BSC MATHEMATICS**  
**STAFF NAME: C. PREETHY**

**SUBJECT NAME: CALCULUS OF FINITE DIFFERENCES AND NUMERICAL ANALYSIS I**  
**SUBJECT CODE:SM3AB**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I  II	20.8.22  to 30.8.22	Solutions of algebraic and transcendental equations: Bisection method- Iteration method- Regula-falsi method- Newton-Raphson method Solutions of Simultaneous Linear Equations: Gauss-Elimination method	Assignment: Solving Equations By Various Methods	PPT/SEMINAR	<a href="https://nptel.ac.in">https://nptel.ac.in</a>
II  III	1.9.22  To 16.9.22	Gauss-Jordan method, Crout's method, Gauss-Seidel method  Finite Differences: E operators and relation between them- Differences of a polynomial- Factorial polynomials- inverse operator -1 - Summation Series.	Assignment: Finite Differences	SEMINAR/ DEBATE	<a href="https://www.encyclopediaofmath.org/index.php/Finite-difference_calculus">https://www.encyclopediaofmath.org/index.php/Finite-difference_calculus</a>
IV	19.9.22  To 29.9.22	Interpolation with Equal Intervals: Newton's Forward and Backward Interpolation formulae- Central Differences Formulae: Gauss-Forward and Backward Formulae- Stirling's Formula and Bessel's Formula- Equidistant terms with one or more missing values.	Test : IA - 1 Unit I and II	PPT/SEMINAR	<a href="https://nptel.ac.in">https://nptel.ac.in</a>
V	30.9.22  TO 7.10.22	Interpolation with Unequal Intervals: Divided Differences - Newton's Divided Differences Formula for Interpolation -Lagrange's Formula for Interpolation-Inverse Interpolation Lagrange's method- Reversion of Series method	Assignment : Interpolation Problems	PPT/SEMINAR	<a href="https://www.encyclopediaofmath.org/index.php/Finite-difference_calculus">https://www.encyclopediaofmath.org/index.php/Finite-difference_calculus</a>
	10.10.22 TO 17.10.22	NIL	Model Exam		

  
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**DEPARTMENT OF MATHEMATICS  
LESSON PLAN**

**CLASS : II BSC MATHEMATICS**

**SUBJECT NAME: LANGUAGE THROUGH LITERATURE - I**

**STAFF NAME: DR. UMA MAHESWARI & Ms. JYOTHI**

**SUBJECT CODE: LZ13B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Humanities vs Sciences- Dr. Radha Krishnan- Etymology, Etymological derivation of words. Grammar- Tenses- The simple present vs the present continuous tense- the simple past vs the present perfect tense Leisure by WH Davies -content words and function words-compound words - Grammar- punctuation-use of punctuation marks- conversion of sentences Witches Loaves by O Henry- Tongue Twisters-pronouncing words of foreign origins-using dictionary to understand pronunciation AI and Literature: The Muse in the Machines by John Thornhill- Artificial Intelligence- Writing Blogs- creating Vlogs	Assignment: Blog writing, Vlog creating	PPT/SEMINAR	<a href="http://www.radhakrishna.in/">http://www.radhakrishna.in/</a>
II	2.8.22 to 10.8.22	Wings of Fire by A.P.J. Abdul Kalam - One word substitution/ meaning of expressions- combining sentences-conditional clauses The Secret of the Machines by Rudyard Kipling-commonly confused words- prefixes and suffixes-negative prefixes-conversion of word class	Test : IA - 1 Unit I and II	SEMINAR/ DEBATE/ CASE STUDY- email writing- complaint emails	<a href="http://www.apjkalam.in/">http://www.apjkalam.in/</a>
III	11.8.22 to 21.8.22	The Country of the Blind by H G Wells- Descriptive writing, Narrative writing, writing long essays Face book is making Us Miserable, Writing emails & etiquette	Assignment : Recreating A Scene From Famous Drama	PPT/SEMINAR	<a href="http://www.facebook/miserable.in/">http://www.facebook/miserable.in/</a>
IV	22.8.22 to 30.8.22	The Merchant of Venice ( Act IV, Scene 1Ln 170-410) by William Shakespeare, Recreating A court Scene	Test : IA - 2 Unit III and IV	TEST	
V	1.9.22 to 16.9.22	On the Rule of the Road by AG Gardiner- some literary devices-word association-error identification, Types of question:Wh- and Yes/No Water by Ralph Waldo Emerson-Homonyms- Homophones-homographs-hetrononyms- Gerunds-Participle The Boy Who Broke the Bank by Ruskin Bond- Converting a Story into a play One Word one culture-Kenneth etal- Resumes-cover Letters- Format of a cover letter	Assignment : Resume writing with cover Letter	PPT/SEMINAR	<a href="http://www.resumepatte rns.in/">http://www.resumepatte rns.in/</a>

IV	19.9.22 to 7.10.22	Casey at the Bat-Completing words-phrasal verbs The Squirrel by Ambai-Filling Forms, letter writing, Portion Size is the Trick by Ranjani Raman- Argumentative essays- Expressing opinions on contemporary issues- Henry IV Part I(Act II Scene 4) by William Shakespeare- Creating a Web Page	Assignment : Filling Forms, Web creating		
V	10.10.22 to 17.10.22	NIL	Model Exam		

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS : II BSC MATHEMATICS**  
**STAFF NAME: Ms. Krithika**

**SUBJECT NAME: ANALYTICAL GEOMETRY**  
**SUBJECT CODE: SM23A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Chord of contact, polar and pole, conjugate points and conjugate lines. Chord with $(x_1, y_1)$ as its midpoint, diameters, conjugate diameters of an ellipse, semi diameters. Conjugate diameters of hyperbola, co-normal points.	Assignment: conjugate diameters of an ellipse, Conjugate diameters of hyperbola	PPT/SEMINAR	<a href="http://mathworld.wolfram.com">http://mathworld.wolfram.com</a>
I	2.8.22 to 10.8.22	Co-normal points as the intersection of the conic and a certain R.H. Concylic points.	Test : IA - 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	
II	11.8.22 to 21.8.22	Polar co-ordinates, general polar equation of straight line. Polar equation of a circle on $A_1A_2$ as diameter, equation of a straight line, circle, conic, equation of chord, tangent, normal. Equations of the asymptotes of a hyperbola.	Assignment: Conjugate diameters of tangent, normal.	PPT/SEMINAR	<a href="http://www.univie.ac.at/future.media/moe/galerie.html">http://www.univie.ac.at/future.media/moe/galerie.html</a>
III	22.8.22 to 30.8.22	System of planes, length of the perpendicular, Orthogonal projection.	Test : IA - 2 Unit III and IV	TEST	<a href="http://mathworld.wolfram.com">http://mathworld.wolfram.com</a>
IV	1.9.22 to 16.9.22	Representation of line, angle between a line and a plane, co-planar lines, shortest distance 2 skew lines, length of the perpendicular, intersection of three planes	Assignment: length of the perpendicular, shortest distance 2 skew lines.	PPT/SEMINAR	<a href="http://www.univie.ac.at/future.media/moe/galerie.html">http://www.univie.ac.at/future.media/moe/galerie.html</a>
V	19.9.22 to 7.10.22	Equation of a sphere, general equation, section of a sphere by a plane, equation of the circle, tangent plane, radical plane, coaxial system of spheres, orthogonal spheres.	Assignment: length of the perpendicular, intersection of three planes.		<a href="http://www.univie.ac.at/future.media/moe/galerie.html">http://www.univie.ac.at/future.media/moe/galerie.html</a>
	10.10.22 to 17.10.22	Nil	Model Exam		

*R. Krithika*

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**DEPARTMENT OF MATHEMATICS**

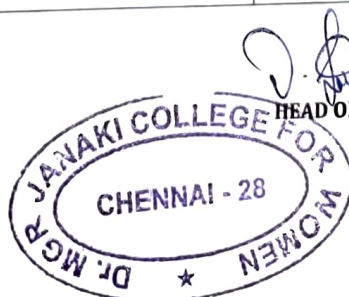
**LESSON PLAN**

**CLASS : II BSC MATHEMATICS  
STAFF NAME: DR. V. VISHNUPRIYA**

**SUBJECT NAME: DIFFERENTIAL EQUATIONS  
SUBJECT CODE: SM23B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Ordinary Differential Equations: Variable separable-Homogeneous Equation-Non-Homogeneous Equations of first degree in x and y-Linear Equation-Bernoulli's Equation-Exact differential equations.	Assignment: Non- Homogeneous Equations of first degree in x	PPT/SEMINAR	<a href="http://mathworld.wolfram.com">http://mathworld.wolfram.com</a>
II	2.8.22 to 10.8.22	Equation of first order but not of higher degree: Equation solvable for dy/dx	Test : IA - 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	<a href="http://mathworld.wolfram.com">http://mathworld.wolfram.com</a>
II	11.8.22 to 21.8.22	Equation solvable for y-Equation solvable for x- Clairauts form-Linear Equations with constant coefficients. Particular integrals $e^{ax}$ , $\sin ax$ , $\cos ax$ , $x^m$ , $Ve^{ax}$ where V is $\sin ax$ or $\cos ax$ or $x^m$	Assignment:P articular integrals $e^{ax}$ , $\sin ax$ , $\cos ax$ , $x^m$ , $Ve^{ax}$	PPT/SEMINAR	
III	22.8.22 to 30.8.22	Simultaneous linear differential equations- Linear Equations of the Second Order -Complete solution in terms of a known integrals- Reduction to the Normal form- Change of the Independent Variable - Method of Variation of Parameters	Test : IA - 2 Unit III and IV	TEST	<a href="http://www.analyzemath.com/calculus/DifferentialEquations/applications">http://www.analyzemath.com/calculus/DifferentialEquations/applications</a> .
IV	1.9.22 to 16.9.22	Partial differential equation: Formation of PDE by Eliminating arbitrary constants and arbitrary functions- complete integral-singular integral- General integral- Lagrange's Linear Equations $Pp+Qq=R$ .	Assignment:L agrange's Linear Equations $Pp+Qq=R$ .	PPT/SEMINAR	
V	19.9.22 to 7.10.22	Special methods - Standard forms - Charpit's Methods - Related problems	Assignment:C harpit's Methods		<a href="http://www.analyzemath.com/calculus/DifferentialEquations/applications">http://www.analyzemath.com/calculus/DifferentialEquations/applications</a> .
	10.10.22 to 17.10.22	Nil	Model Exam		

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**LESSON PLAN**

**CLASS : II BSC MATHEMATICS**  
**STAFF NAME: Dr. N.R.YAMUNA**

**SUBJECT NAME: MATHEMATICAL STATISTICS- I**  
**SUBJECT CODE:SM3AC**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Introduction to Probability, definitions, laws and theorems on probability, Bayes's theorem and problems.	Assignment: Probability and Baye's theorem	PPT/SEMINAR	<a href="https://nptel.ac.in">https://nptel.ac.in</a>
II	2.8.22 to 10.8.22	Random variables- discrete and continuous random variable, expected values, variance, moments.	Test : IA - 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	<a href="https://www.wikipedia.org">https://www.wikipedia.org</a>
II	11.8.22 to 21.8.22	Probability generating function and moment generating function.	Assignment: moment generating function	PPT/SEMINAR	
III	22.8.22 to 30.8.22	Characteristic function, Chebychev's inequality, uniqueness and inversion theorems.	Test : IA - 2 Unit III and IV	TEST	<a href="https://www.wikipedia.org">https://www.wikipedia.org</a>
IV	1.9.22 to 16.9.22	Correlation, rank correlation, multiple and partial correlation. Regression, linear prediction and problems.	Assignment: Multiple and partial correlation.	PPT/SEMINAR	<a href="http://ebooks.lpude.in/statistics">http://ebooks.lpude.in/statistics</a>
V	19.9.22 to 7.10.22	Distributions- Binomial, Poisson, Normal, Uniform, Geometric, Exponential, Beta, Gamma and relationships between distributions.	Assignment: relationship between the distributions.		<a href="http://ebooks.lpude.in/statistics">http://ebooks.lpude.in/statistics</a>
	10.10.22 to 17.10.22	Nil	Model Exam		

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**LESSON PLAN**

**CLASS : III BSC MATHEMATICS**  
**STAFF NAME: Dr.P.Lakshmi Gayathri**

**SUBJECT NAME: ALGEBRAIC STRUCTURES - I**  
**SUBJECT CODE:SM25A**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Introduction to groups- Subgroups- cyclic groups and properties of cyclic groups. Lagrange's Theorem- A counting principle.	Assignment: Properties of cyclic groups	PPT/SEMINAR	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
II	2.8.22 to 10.8.22	Normal subgroups and Quotient group	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
II	11.8.22 to 21.8.22	Homomorphism- Auto morphism.	Assignment:Aut omorphism	PPT/SEMINAR	
III	22.8.22 to 30.8.22	Cayley's Theorem- Permutation groups.	Test : IA – 2 Unit III and IV	TEST	<a href="http://garsia.math.yorku.ca/~sdenton/algstruct">http://garsia.math.yorku.ca/~sdenton/algstruct</a>
IV	1.9.22 to 16.9.22	Definition and examples of ring- Some special classes of rings- homomorphism of rings- Ideals and quotient rings- More ideals and quotient rings.	Assignment:Rings	PPT/SEMINAR	<a href="http://garsia.math.yorku.ca/~sdenton/algstruct">http://garsia.math.yorku.ca/~sdenton/algstruct</a>
V	19.9.22 to 7.10.22	The field of quotients of an integral domain- Euclidean Rings- The particular Euclidean ring.	Assignment:Integral domain.		<a href="http://garsia.math.yorku.ca/~sdenton/algstruct">http://garsia.math.yorku.ca/~sdenton/algstruct</a>
	10.10.22 to 17.10.22	Nil	Model Exam		

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**LESSON PLAN**

**CLASS : III BSC MATHEMATICS**  
**STAFF NAME:Dr.V.Vishnupriya**

**SUBJECT NAME: REAL ANALYSIS - I**  
**SUBJECT CODE:SM25B**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Sets and Functions: Sets and elements- Operations on sets- functions- real valued functions- equivalence- countability - real numbers- least upper bounds.	Assignment: Operations on functions	PPT/SEMINAR	<a href="http://www-groups.mcs.st-andrews.ac.uk/~john/analysis/index.html">http://www-groups.mcs.st-andrews.ac.uk/~john/analysis/index.html</a>
II	2.8.22 to 10.8.22	Sequences of Real Numbers: Definition of a sequence and subsequence.	Test: IA - 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	
II	11.8.22 to 21.8.22	limit of a sequence- convergent sequences- divergent sequences- bounded sequences- monotone sequences	Assignment: Convergent sequence and divergent sequence	PPT/SEMINAR	
III	22.8.22 to 30.8.22	Operations on convergent sequences- operations on divergent sequences- limit superior and limit inferior- Cauchy sequences.	Test: IA - 2 Unit III and IV	TEST	<a href="https://mathcs.org/analysis/reals/nimseq/sequence.html">https://mathcs.org/analysis/reals/nimseq/sequence.html</a>
IV	1.9.22 to 16.9.22	Series of Real Numbers: Convergence and divergence- series with non-negative terms- alternating series- conditional convergence and absolute convergence- tests for absolute convergence- series whose terms form a non-increasing sequence- the class $l^2$	Assignment: Convergence and divergence	PPT/SEMINAR	<a href="http://www.phengkimvong.com">http://www.phengkimvong.com</a> .
V	19.9.22 to 7.10.22	Limits and Metric Spaces: Limit of a function on a real line-. Metric spaces - Limits in metric spaces. Continuous Functions on Metric Spaces: Function continuous at a point on the real line-Reformulation- Function continuous on a metric space.	Assignment: Metric spaces.		<a href="http://www.phengkimvong.com">http://www.phengkimvong.com</a> .
	10.10.22 to 17.10.22	Nil	Model Exam		

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**LESSON PLAN**

**CLASS : III BSC MATHEMATICS**

**STAFF NAME: Ms. A. Muthulakshmi**

**SUBJECT NAME: DYNAMICS**

**SUBJECT CODE:SM25C**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Kinematics -Basic units – velocity – acceleration- coplanar motion	Assignment: Coplanar motion	PPT/SEMINAR	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
II	2.8.22 to 10.8.22	Work, Energy and power – work – conservative field of force – power	Test : IA – 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	
II	11.8.22 to 21.8.22	Rectilinear motion under varying Force: Simple harmonic motion (S.H.M.) – S.H.M. along a horizontal line- S.H.M. along a vertical line	Assignment: S.H.M	PPT/SEMINAR	<a href="https://www.wikipedia.org/">https://www.wikipedia.org/</a>
III	22.8.22 to 30.8.22	Projectiles -Forces on a projectile- projectile projected on an inclined plane. Impact: Impulsive force - impact of sphere - impact of two smooth spheres – impact of a smooth sphere on a plane – oblique impact of two smooth spheres	Test : IA – 2 Unit III and IV	TEST	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
IV	1.9.22 to 16.9.22	Circular motion – Conical pendulum – simple pendulum – central orbits –general orbits – central orbits- conic as centered orbit	Assignment: Central orbits	PPT/SEMINAR	<a href="https://www.wikipedia.org/">https://www.wikipedia.org/</a>
V	19.9.22 to 7.10.22	Moment of inertia, Perpendicular and parallel axes theorem.	Assignment: Moment of Inertia.		<a href="https://www.wikipedia.org/">https://www.wikipedia.org/</a>
	10.10.22 to 17.10.22	Nil	Model Exam		

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**LESSON PLAN**

**CLASS: III BSC MATHEMATICS**  
**STAFF NAME: Dr. V. Agnes Lavanya**

**SUBJECT NAME: DISCRETE MATHEMATICS**  
**SUBJECT CODE: SM25D**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Integers: Set, some basic properties of integers, Mathematical induction, divisibility of integers, representation of positive integers	Assignment: Mathematical Induction	PPT/SEMINAR	<a href="https://brilliant.org/wiki/discrete-mathematics/">https://brilliant.org/wiki/discrete-mathematics/</a>
II	2.8.22 to 10.8.22	Boolean algebra & Applications: Boolean algebra, two element Boolean algebra.	Test : IA - 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	<a href="https://brilliant.org/wiki/discrete-mathematics/">https://brilliant.org/wiki/discrete-mathematics/</a>
II	11.8.22 to 21.8.22	Disjunctive normal form, Conjunctive normal form	Assignment: Disjunctive and conjunctive normal form	PPT/SEMINAR	
III	22.8.22 to 30.8.22	Application, Simplification of circuits, Designing of switching circuits, Logical Gates and Combinatorial circuits.	Test : IA - 2 Unit III and IV	TEST	<a href="https://www.tutorialspoint.com/discrete-mathematics/">https://www.tutorialspoint.com/discrete-mathematics/</a>
IV	1.9.22 to 16.9.22	Recurrence relations and Generating functions: Sequence and recurrence relation, Solving recurrence relations by iteration method, Modelling of counting problems by recurrence relations, Linear (difference equations) recurrence relations with constant coefficients, Generating functions, Sum and product of two generating functions, Useful generating functions, Combinatorial problems.	Assignment: Linear Recurrence relation	PPT/SEMINAR	<a href="https://www.tutorialspoint.com/discrete-mathematics/">https://www.tutorialspoint.com/discrete-mathematics/</a>
V	19.9.22 to 7.10.22	Proportional logic and Predicate logic: Proportional logic, Adequate system of connectives, Translation of sentences in a Natural Language into Statement Formula, Logical validity of arguments, Predicate Logic, Negation of a statement obtained by qualification of a predicate, Logical operations on predicates or quantified predicates, Symbolization of sentences by using predicates, Quantifiers and connectives, Logical validity of arguments.	Assignment: Proportional logic.		<a href="https://www.tutorialspoint.com/discrete-mathematics/">https://www.tutorialspoint.com/discrete-mathematics/</a>
	10.10.22 to 17.10.22	Nil	Model Exam		

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**LESSON PLAN**

**CLASS: III BSC MATHEMATICS**  
**STAFF NAME: Ms. Preethika**

**SUBJECT NAME: MATHEMATICAL MODELING**  
**SUBJECT CODE:SM45C**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Mathematical Modeling: Simple situations requiring mathematical modeling, characteristics of mathematical model.	Assignment: Characteristics of mathematical model	PPT/SEMINAR	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
II	2.8.22 to 10.8.22	Mathematical Modeling through differential equations: Linear Growth and Decay Models.	Test : IA - 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
II	11.8.22 to 21.8.22	Non-linear growth and decay models, Compartment models.	Assignment:Deca y models	PPT/SEMINAR	
III	22.8.22 to 30.8.22	Mathematical Modeling, through system of Ordinary differential equations of first order: Prey predator models, Competition models, Model with removal and model with immigrations. Epidemics: simple epidemic model, Susceptible-infected-susceptible (SIS) model, SIS model with constant number of carriers. Medicine: Model for Diabetes Mellitus.	Test : IA - 2 Unit III and IV	TEST	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
IV	1.9.22 to 16.9.22	Introduction to difference equations.	Assignment:Diffe rence equations	PPT/SEMINAR	
V	19.9.22 to 7.10.22	Mathematical Modeling, through difference equations:Harrod Model, cobweb model application to Actuarial Science	Assignment:Harr od Model		<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
	10.10.22 to 17.10.22	Nil	Model Exam		

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**DEPARTMENT OF MATHEMATICS**

**LESSON PLAN**

**CLASS: III BSC MATHEMATICS**  
**STAFF NAME: DR. V. AGNES LAVANYA**

**SUBJECT NAME: VALUE EDUCATION**  
**SUBJECT CODE: VAESQ**

UNIT	DATE	TOPICS	ASSIGNMENT & TEST	TEACHING METHODOLOGY	WEB RESOURCES
I	11.7.22 to 31.7.22	Value education- its purpose & significance in the present world- value system- the role culture & civilization- holistic living- balancing the outer and inner - Body, mind and intellectual level - duties and responsibilities	Assignment: Value education- its purpose & significance in the present world- value system	PPT/SEMINAR	
II	2.8.22 to 10.8.22	Salient values for life- truth, commitment, honesty and integrity, forgiveness and love, empathy and ability to sacrifice, care, unity and inclusiveness.	Test : IA - 1 Unit I and II	SEMINAR/ DEBATE/CASE STUDY	
II	11.8.22 to 21.8.22	Self-esteem & self-confidence, punctuality- time, task & resource management- problem solving & decision making skills- interpersonal and intra personal relationship- team work- positive and creative thinking	Assignment: Self-esteem & self-confidence, punctuality- time, task & resource management	PPT/SEMINAR	
III	22.8.22 to 30.8.22	Human rights- universal declaration of human rights - human rights violations- national integration- peace and nonviolence- Dr.APJ Abdul Kalam's ten points for enlightened citizenship- social values& welfare of the citizens- the role of media in value building	Test : IA - 2 Unit III and IV	TEST	
IV	1.9.22 to 16.9.22	Environment and ecological balance - interdependence of all beings- living & non-living. The binding of man and nature - environment conservation and enrichment.	Assignment: Environment and ecological balance - interdependence of all beings	PPT/SEMINAR	
V	19.9.22 to 7.10.22	Social evils- corruption, cybercrime, terrorism - alcoholism, drug addiction- dowry- domestic violence- untouchability- female infanticide- atrocities against women- how to tackle them	Assignment: Social evils- how to tackle them		
	10.10.22 to 17.10.22	Nil	Model Exam		

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