# CARICA IN THE TANK TH

### ST.ANN'S COLLEGE FOR WOMEN

(Affiliated to Acharya Nagarjuna University, Recognised under 2(f) UGC Act 1956, New Delhi) GORANTLA, GUNTUR – 522034, A. P

Metric: 1.1.1

Criteria: I

Email: st\_anns\_coll@yahoo.co.in Website: www.stannscollegeforwomen.org



## Criterion –I

## 1.1.1 Curriculum Planning and Implementation

TEACHING LESSON PLANS

2018-2019 TO 2022-2023

# St. Ann's College for Women GORANTLA - GUNTUR



## LESSON PLAN

2022 - 2023

Name of the Lecturer...K. VANAJA

Department BIOTECHNOLOGY

Name of the Department: Brotechnology  Class III - BBC  Subject: Api Culture
Name of the Lecturer: K. V+1) V+1 St. Subject: Api Culture
Class III - BBC Subject: Api Culture
Name of the Topic : Modern methods of extraction of Honey
Hours required :
Learning Objectives: Modern methods were developed to overcome
the downbacks of indigenous methods
the documents of indigenous methods  *In this method first of all work is done to improve
to texture of the nive
* The mewton model & largetroth hive are used
Previous knowledge to be reminded :
orulliare Aport Aport
Security of the American Charles
Honey Extraction process
goldsest rank benned what the
Topic Synopsis:
* The common appliances for modern methods for
* The common appliances for modern methods for beekeeping include : Typical movable hive
* queen excludes
* Honey extractor
* It is an autificial month
* It is on a to a other equipment
* The box based on bec these
wooden box based on bee space theory  * this typical moveble hive contains 6 parts  * Bottom hand
* Bottom Land

\* Brood chamber

\* Suppres

\* Top cover

100011, 11

Additional Inputs

Teaching Aids used

\* Blackboard

\* ppt presentation

References cited

\* Mighra R.C. - Honey bee and their management

\* Songh-Beekeeping in India

Student Activity planned after teaching

\* Preparation of Honey Bee trays & maintenance

Activity planned outside the Class Room, if any

Any other activity



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Signature of the Lecturer

Name of the Lecturer: K. V.	ANAJA Name of the Department Biotechnolog
Class III-BBC	Subject: Peas Culture
Name of the Topic : As I	rificeal Production of Pearls.
Hours required :	control has no bejusy inter
Learning Objectives : *	culture of Rearl is complex but sensitive.
r Col	election of Oysters
P	reparation of Graft tissue
iii, P	reparation of Graft tissue
	Emplantation Rearing of oystess
Previous knowledge to be rel	Harvesting
	cultivation q pearl production
hun li	the transfer and one of the second section of the section of

Topic Synopsis: \* the culture of Peavel is a complex but sensitive Process. It involves the following steps:icollection of oysters

ii, Preparation of Graft tissue

iii, preparation of Nucleus

iv, Emplantation

v. Reasing of Oysters

Yi, Hasivesting.

Fresh water <u>Pearl culture</u>: These are produced in china, Japan and United States \* Pinctada anomiordes \* Pinctada Vulgaris etc.

Moriène water Pearl culture: These oysters only produce one Pearl and that taker about & years: \*Pinctada fucata \*Pinctada chemnitzi

Examples / Illustrations

Additional Inputs

Teaching Aids used

\* Black chart

\* ppt presentation

References cited

\*Bardach - Aquaculture farming and husbandry.

Student Activity planned after teaching

\* Culture of microsiganism for pond maintenance.

Activity planned outside the Class Room, if any

collection of pearl oughers

Any other activity

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Signature of the Lecturer

Name of theLecturer:	K. VANAJA Name of the Department : Biolechnolog
Class III - BB	Deal Coltero
Name of the Topic	: Chemical composition & Natural process of Pearl forma
Hours required	
Learning Objectives	: * Chemical composition of Peaul is:-
	82-86% - Ca Co. 3 10-14% Conchiolin &
	2-4x - water.
*	· Conchiolin & Caco3 are referred to as
	Nacre.

Previous knowledge to be reminded:

chemical composition of pearl

Topic Synopsis: \* The Chemical composition of Peacl 18:7

82-86% - Ca(O3

10-14% - Conchiolin &

2-4% - water

\*Together the Conchrolin & Ca(03 are referred to as the Nacre.

\*The natural Pearl Oysters produce natural pearl as an adoptation against foreign materials.

\*Foreign substance, for example a grain of sand (&)

small insect must enter the shell of mollusus.

\*The Hollusc begin to secrete Nacre against a grain of sand result in as smooth surface is obtained. This is called pood, this pead become a large pead.

\* The people is the result of self-defense of the Oyster.

Additional Inputs

Teaching Aids used

- \* Blackboard
- \* Chart

References cited

\* Hows Maria-Basics of Pearl farming.

Techniques of people cultime to

\* Alexander E. Farn-Pearls

Student Activity planned after teaching

\* Graft tissue preparation \*Emplantation techniques.

Activity planned outside the Class Room, if any

collection of pearl oyster -

Any other activity



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K. Uauara Signature of the Lecturer

Name of the Lecturer: K. VANAJA Name of the Department: Brotechnology

Class W-BBC Subject Emmunology & T-DNA

Name of the Topic: Bio Proformatics, Database - Nucleotide & Protein

Hours required

Learning Objectives : Definition

\* data bases: - DNA Sequence database Protein Sequence databases RNA sequence database

Previous knowledge to be reminded:

\* Bio-meaning living

\* Informatics meaning information science

\* DNA, RNA & proteins structures.

Topic Synopsis: \* Bioinformatice is information technology dealing with the maintenance and use of data in Molecular Brology using computers.

\*Bioinformatics involver the collection, maintenance, distribution, analyse and usage of the large amount of data generated in Molecular Brology for Biological investigations.

\* BLAST, FASTA are used to analyze the DNA Sequence.

\*PIR, Swiss post are used to analyse the Protein sequence. Sequence Analysis.

Additional Inputs

visit different web sit - biological dada situ

Teaching Aids used \* Black board

- \* Internet
- \* Biotechnology- V. Kumarasen

References cited \*Brotechnology - V. Kumareson

Student Activity planned after teaching

- \* Collection of database.
- \* Observation of different databases.

Activity planned outside the Class Room, if any

Any other activity



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K. Lauraja Signature of the Lecturer

Name of the Lecturer: K.VANATA

Name of the Department: Brotechnology

Class 2-BBC

Subject Bromoleculer & Analytics

Name of the Topic: Biological role of Vitamins, Bioenergetics

Hours required

Learning Objectives: Biological role and deficiency manifestation

of vitamin A, B, C, D and K.

\*Study of energy. Study

Previous knowledge to be reminded: \* Hinexals & Vitamins are essential Nutrients - because cuting in convert.

\* Study of energy in living system.

\* Energy is a capacity (3) ability to do work.

Topic Synopsis: \*Vitamins may be regarded as organic compounds required in the diet in small amount to perform specific biological functions for normal maentenance of growth and health of the organisms.

\*Funk coined the term vitamin in 1913,

\*They are classified intoir 1. Fat soluble (A,D,E,K)

2. Water Soluble (E&B group)

\*Broenergetics are related to initial & final state of energy of reactions.

\*Entropy order of randomness that is higher than the molecules than higher the Entropy.

\*Enthalpy: Tet is the heat content of the reacting system. An Enthalpy Changes.

Examples / Illustrations

Different Motural Sources of vitamina

Additional Inputs

Awarenn programm on vitamino

Teaching Aids used

\*Black board

\*PPT presentation

References cited \* Brochemistry - U. Sathyanorayanan

Student Activity planned after teaching

\* preparation of Vitamins chart.

Activity planned outside the Class Room, if any

\* Multivitamin tables.

-able to 1:st & explain vitamins essential to the nearth functioning of the human body.

Any other activity



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K I lawaja Signature of the Lecturer

# St. Ann's College for Women GORANTLA - GUNTUR



# LESSON PLAN

2021 -- 2022

Name of the Lecturer. Ch. Rama Rap

# LESSON PLAN Name of the Lecturer: Ch. Rame Luc. Name of the Department: physical

ClassSubject:
Name of the Topic: Elithone grute Triduction Introduction
Hours required : 3 L
Learning Objectives:  + Concept of Faradays lower
A cerzi lave
+ Self Inductance and nutreal
Inductance.
* self Industance of a long solenold.
Previous knowledge to be reminded:
Internedicte Syllabers
autost Activity planned after teaching
Topic Synopsis: $C = -\left(\frac{d \varphi_{B}}{dt}\right)$
leurs laur: The direction of induced emf in
a bloted civil is such that it opposes the original
leurs lave: The direction of induced emf in a lloted circit is such that it opposts the original in1 (de la the)
reprehe bley 16.12 = - 1 B. ds
cuel E = - (dB)
C=-BIV (Induced emf)
selt induttance y a solenvid is
12- MONTAL

Examples / Illustrations

Spark is obshred in electrical Switch is on (or) off orickly

Additional Inputs

notes

Teaching Aids used Black - Board

References cited

cuified text book.

or allient of mentale Industry

Student Activity planned after teaching

Students are asked to practice the Co telli ente (1 ruelis

Activity planned outside the Class Room, if any

Students are asked to go Moscych Intermediate Sylabur -

Any other activity

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Signature of the Lecturer

Name of theLecturer:.	CL. Rama Rug Name of the Department: Phyling
Class III 18-S	Subject: V.J.
Name of the Topic	: Atomic and moleurlae phyling.
Hours required	: 3h
Learning Objectives	* Scattering of light
•	* Sanon Albert
	* Ramon Shibt

\* applicatione.

Previous knowledge to be reminded:

scallering concept in inturcedicate Syllabers

Topic Synopsis:

Roman Affect:

when hight invident on solid (1)

would (1) gas it is scattered. The Eastrew

light counts of gleater frameway lines

and letter frameway lines are liked

Roman Affect.

\* greate for many lines are Called

autostobastines

\* tester frameway lines are Called

Itobel lines.

Examples / Illustrations & Ranen effect is pure moleulal pherm \* To stordy the structure of molecules -\* To stredy the Simle double and triple bonds etc Additional Inputs notes

Dark-Board

References cited

curfied text book

Student Activity planned after teaching

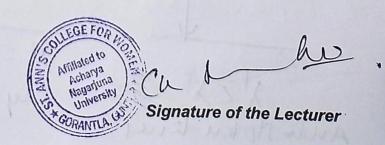
Students are alled truestren mont topic

Activity planned outside the Class Room, if any

students are affect to practice the expt. Vieter ut home

Any other activity

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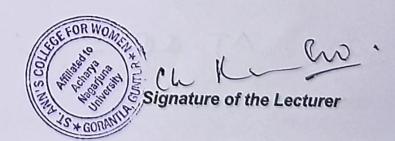


# matter warer LESSON PLAN

Name of the Lecturer: Ch. Rama Leso. Name of the Department: Dhylosus
Class III B. C Subject: VI
Name of the Topic: wave and particle duality of Radia,
Hours required : 31
Learning Objectives :
* prolonative of radiation
* de - Broglie frever, propetre frad
* builtion - german electron diffaction
* builtion-german electron diffaction.
Previous knowledge to be reminded:
Inter Syllabur.
Topic Synopsis: de-Brogle wave Cenylti
$\lambda = \frac{h}{mv} = \frac{h}{\sqrt{2me}} = \frac{12.26}{\sqrt{2mev}}$
where his plansles courtaint = 6.62 × 10 34 - ke.
* phase velonity, avant velonity
$V_p = \frac{\omega}{k} = \frac{c^2}{V}$
* Explanation of election deiffrantion
experiment.

<sub>Examples</sub> / Illustrations \* The wellowity of matter ware depend a rue whority of matter particle \* The whity of matter wave is sheater than the relocity of light. Additional Inputs noly Teaching Aids used Blank-Bourd References cited unified text book provetice danishim- gerner election Student Activity planned after teaching diffraction diagram. Activity planned outside the Class Room, if any Any other activity

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# Structuse of Nucleus LESSON PLAN

Name of the Lecturer:	Ch. Rama Ruo Name of the Department: phyliu. Subject: 1
Name of the Topic Hours required Learning Objectives	: 3h properties of nonleus : 3h
	70 Study the Structure of whileus and peroputies of wallen.
Provious knowledge	Binding Energy == am.c
Previous knowledge	ntermediate concepts.
Topic Synopsis :	vullene men! : (2 mp + Nmn) - umdu
	releat rending I d. A <sup>1/3</sup> . 2-10 A <sup>1/3</sup> .
X r	ruleal Spin, avaitum statis
	lettic quaidrupole mondut.

Examples / Illustrations			
	-1		
* Scal	leving of	x-particle	j, Ruterford
THE RESERVE OF THE PARTY OF THE			
construded	that rue	atom of any	element coursely
0		5	factoria (postino)
of Contral	Cole Calle	d nucleur.	
•			1
Additional Inputs			
Addition			
roly			
00 3			

Teaching Aids used

Black - Board.

land the maple number

References cited

unified text book

Student Activity planned after teaching

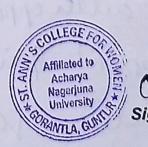
Solve problem an vuler lading.

Activity planned outside the Class Room, if any

some some more problem on the above topics

Any other activity

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Signature of the Lecturer

Name of the Lecturer: Ch. Rama Ruo Name of the Department: pluylin.  Class III 13. Jc Subject: V.I.
Name of the Topic : 13 – 4 econy Hours required : 21 Learning Objectives :
* To study about neutrino Hypotheris.  * Garnows explanation on B- Jeany.
Previous knowledge to be reminded:  Syllahur Coursed en Cart Class
Topic Synopsis:  According to gukawai theory $n \rightarrow p + \pi \rightarrow p + \bar{e} + \bar{\nu}$
where z is election and to is anticular
neutron - 1H1 (proton) + eletron + neutron  on! - 1H1 + -1e + 2e
Mars 1 -) 1 + 0 + 0

Additional Inputs

Notes

Teaching Aids used

Black - Board.

References cited

enified text book

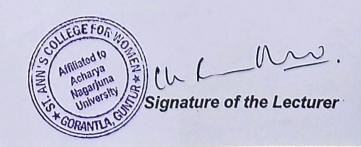
Student Activity planned after teaching

Activity planned outside the Class Room, if any

students one asked to write self text on above topic.

Any other activity

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# St. Ann's College for Women GORANTLA - GUNTUR



# LESSON PLAN

2020 - 2021

Name of the Lecturer 13 Joyce

Department CHEMISTRY

Name of the Lecturer: B. Toy Ce. Name of the Department: Chemistry
Name of the Lecturer: B. Toy Ce Name of the Department: Chemistry  Class Chemistry  Class Chemistry  Class Chemistry
Name of the Topic: Stability of Complexes
Hours required : 1 hr
Learning Objectives: To learn about.
1. factors affecting stability of complexes
1. factors affecting stability of complexes 2. Types of stabilities
PPT, Joshube Viduos
Previous knowledge to be reminded:  Dissassociation. association
A. maken ibroa
complexes, coordination
Examples,
Topic Synopsis: Cometrant or formation Construct.
The reciprocal of B (-15) is called instability constant
57 di 330 di actioni
II. complex forming runsible reaction! Motor The
oes not take place in a single step. It takes place
io Suural Steps
> the steps involved in the complex [MIn] formation are
represent as.
M+L ==> ML (charges omitted)
ML+L = ML2
MLz+L = MLz
HC3 +L   MLy

Mcn-1+L- === Mcn

Ring formations - more the north rings more is the stability Examples / Illustrations ch Nittzen 19 2- mambered n'ng Additional Inputs

The stability of metal complete is governed by two different aspects such as thermodyante and kinetic Stabilities.

Teaching Aids used

PPT- youtabe videos.

References cited

Text book on Coordination chemistry - PR publications

Student Activity planned after teaching

Exercise with Examples slip test, Assignment

Activity planned outside the Class Room, if any

Grouple Search on Stablity of different types of complexes.

Any other activity

St. Ann's College for Women GORANTLA, GUNTUR-522 034;



Name of the Department: CHEM LSTRY
Class W BBC, MBC, & MPC Subject: Coordination Chemistry
Name of the Topic : THERMODYNAMIC AND KINETIC STABILITY.
Hours required : \hr
Learning Objectives: To learn differences blow thermody name
Stability & Kinelic Stability.
To understand substitution capacity Complexes.
Previous knowledge to be reminded :
SN'
substitution SN2
Bond - making & Bond - Breaking.
Topic Synopsis:  Then constants  Then constants  therefore Rie equal
ure indicated as Kither kz, ky kn. therefore Bis equal
to B= K1xK2xK3xKyxkn.  The metal complexes generally undergo ligard Exchange reactions and several other types of ractions involving the ligand.
the ligand.
The case of the type of chemical receivers (rate) is indicated by another stability constant called
Kinetic stability
- Since, the Kinetic Stability is concerned with Chemia reactions such as Minthi = Minthi the activation
energy of the reaction contes into play, cower the activities
energy (fa), Faster is the substitution reaction
-) Baxed on the case or rate of these reactions, complexes
an and a falsh and +

Thermodynamic Stability of -4 Examples / Illustrations (CoCN143)6] +3 ion., [Fecon) in

Additional Inputs

Instantaneous, slow or moderate and very slow reactions.

Teaching Aids used

(conoficed) youtube videos, PPT

References cited

unitée d Chemistry - Dr. o. P Aggerwal Kalayani unitied chemistry - Y.R. Sharma kao. Student Activity planned after teaching

Grevierse with Example, Slip text

Activity planned outside the Class Room, if any

google search on Stability of different types of complexes

Any other activity

St. Ann's College for Women GORANTLA, GUNTUR-522 035



Signature of the Lecturer

Name of the Lecturer B. JUYCE Name of the Department: CHEMISTRY

Class J. BBC 1 MBC MPC Subject: OIGANIC CHEMISTRY

Name of the Topic : CHEMISTRY-CI] [INDRGANIC CHEMISTRY]

Hours required: UNIT-I - chemistry of d'-block dements.

Lesming Objectives: To study the Special properties of transition

Staticity of various oxidation states

Previous knowledge to be reminded:

classification of elements into Sipid & f-block elements.

presence of incomplete shells. d-block eliments Series.

Topic Synopsis: Definition of d- block

of when an interning et enter into d-orbital it is called as d- block dements."

The Sewral electronic Configuration is [n-1]d ns2there are two incomple shells, so d-block elements are called transition elements.

there are 3 series of transition elements vis 3d, 4d g 5d series. There are so elements in each series.

There are 3 triads namely Cu, ti, or thrads in which all three elements in each series have some due 3 physical properties.

In ed & the are called pseudotransition aliments A",

Examples/Illustrations They transition elements are crystallines and metals with lustrous property. They are conductors of heat and electricity.

cu, weres good conductor of electricity

ttg, is liquid metal cr & cu exhibit anamolous contiguration

Conductors, Semi-Conductors - uses.

samples of conductors, slarts with diagrams Teaching Aids used of Semi-conductors Black- bound and oral Teaching.

Text book of inorganic chemistry - Agazwall References cited unitied chemistry - kalyani publications

Student Activity planned after teaching

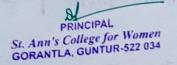
collection of Ei, en, cript, Fe sample metals transition metals properties from google search

Activity planned outside the Class Room, if any

collection of Ti, cu Cr, pt, se sample metals.

- like boil filled at wh

activity to book to the other of spring





Name of the Lecturer: B. Joyce Name of the Department: Chemistry
Class MBC, MPC, BBC Subject: Organic Chemistan
Name of the Topic : Magnetic property
Hours required : 01 hour
Learning Objectives: To Study magnetism
of demisting that sulates to the on states
Previous knowledge to be reminded: Magnet has north & South poles
previous knowledge to be reminded: Magnet has north & South poles opposite poles attrack each other and same
poles repel each other.
Societi Adivity planned after reaching
D'Alerences blu magnetic, Perromagnetic &
Topic Synopsis: paramagnetism: The attracting of a Substance
Topic Synopsis: <u>paramagnetism</u> : The attracting of a Substance towards the magnetic field, it is called paramagnetic hence
Reason: presence of unpaired e.  Ex: fet2, vt1, cut2
ferro magnetism: when magnetic interesty of a substance of increased to maximum capacity in a magnetic field.
it is called ferromagnetism Reason; man no of es.
Exi Crt. Note Fet 3 etc.
a state of a manual
tierd, of it is repelled against the magnetic field, it is called diamagnetisms
beautor's Dillede S
Manutic moment is calculated by
Spirit drug (dividual and a second control of the second control o
n-no-ob unpaired e.

Examples/Illustrations thagnitic susceptibility is determined cay's balence dd-paramagnetic method - wight stotswith - dia magnetic paramagnetic - un paired e Diamagnetic - fillede Additional Inputs

Perromagnets are used in restrictions xly ferromagnits are permanent reagent as they do not need magnétic field

Teaching Aids used

PPT presentation

References cited

unified chemistry - Dr. op. Aggarwal

Student Activity planned after teaching

Memorizing the method for determining magnetic moment

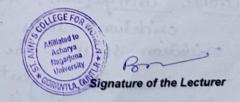
Activity planned outside the Class Room, if any

group rivison our advidudy called inch transland

Landboarder . The souls comparises should be standing

Any other activity

St. Ann's College for Womers GORANTLA, GUNTUR-522 0341



Name of the Lecturer B. Joyce Name of the Department: Chemist Class T BBL, MBC, MPC Subject: Diagramic Chemis					
Name of the Topic	: Caux of lanthunide	Contraction			
Hours required	: of hour				
Learning Objectives	: To study cause	of Canthanide			

contraction

Black Board

Previous knowledge to be reminded:

The gradual decrease in the atomic and conce Size of lanthanoids with an increase in atomic number-

Topic Synopsis: Cause of Canthanide Contraction: 1. The Canthanide contraction is due to the imperfect shellding of one uf electron by another in the same sub Shell.

2. This Successive contraction accumulate and then et effet for all the Contraction.

Magnetic propulies: The Last and cent have and configuration Magnetic propulies: The Last and cent have no empaired declared and Lust has and by configuration. They have no empaired declared and are diamagnetic. All other of states contain unpoined and ages there fore paramagnetic.

The magnetic moment of transition elements may be

The magnetic moment of transition eliments may be Calculated from the equation. \$15+1: \$\implies (S+1) \psi L(\psi)\$.

Actinides or Actinones: The elements in which the Extra electron enters so orbitals of (n-2) main shell are known as stements, actinides, or Actinones. the only first four elements of this series namely Actinum. Therefore, protactinum and curanium of in nature. All the other elements are synthesised artificially modern bombard ments. These elements are known as transwanium elements are known as transwanium elements.

Cerium, Lutetium

Additional Inputs

Poor shielding of nuclear charge

Teaching Aids used

Black Board

References cited

unitied chemistry - Dr. o. p. Augurusele tologoni unitied chemistry - y R. chama to Rama Row.

Student Activity planned after teaching

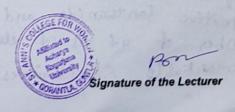
practice the elutronic Configuration,

Activity planned outside the Class Room, if any

Learing the uses of as magnetic properties — Georgle search.

Any other activity

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Name of theLecturer:	E	3. JOYCE	 Name of the Departm	ent:CtIEMISTRY
Class I H	BC	EMPC, BB	 .Subject :Inorg	Chemistry
Name of the Topic		BONDING	METALS	

Hours required : 2hrs

Learning Objectives: Metallic bond learning

Knowing the differences in types of bonding

understanding properties

Previous knowledge to be reminded:

Resonance, conductance, electrostatic

defined as "the force that binds a metal atoms to a number of electrons within its sphere of influence is known as metal bond.

Following are the main theories put forward to Explain the metallic bond.

Blectron sea model (cree electron theory)

Topic Synopsis: Theroics of Bonding in metals: The metal bond can b

bond. I, electron sea model (free electron theory].

(ii) valence bond theory (pailing reasonan theory)

(iii) Band theory (Notecular orbital theory).

electron <u>Sea model (free</u> electron theory).

i) All the atoms in a metal have scueral unoccupied electron orbitals in their outer shells.

cis so, they lose some of their valency electrons and form positive ions called metal nuclei.

in, There free moving electrons are Said to be delocalised. So the metal can be thought to be of metal cations immersed in a sea of electrons and hence This model is refferred to as an electron sea model.

div evalions and thus hold the cations close.

Examples/Illustrations valence Bond theory Crawling's Resonance theory:

Attennative approach of the metallic bond, on the
basis of valence bond theory was developed principally
by pawling. According to this theory, the bonding
by metallic atoms is covalent with resonance.

Additional Inputs

water - melon model of atom in its

Teaching Aids used

OHP & Black board

References cited unified chemistry - Kalyani
rublications
cunified chemistry - Jai prakath
publications

Student Activity planned after teaching

Bands of conduction, forbidden and non conduction in it atom anchasts.

Activity planned outside the Class Room, if any

Li element and it cur as battery - Grogle Scarch

Any other activity

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Signature of the Lecturer

## St. Ann's College for Women GORANTLA - GUNTUR



## LESSON PLAN

2019 - 2020

I, in a V-SEM

Name of the Lecturer R. SHARON ROSE

Department COMMERCE

Name of the Lecturer R. Sharron Lge Name of the Department : Common Subject : CG
Name of the Lecturer K. J. haron Local Subject CG.
Name of the Topic Latitude & Longitude.  Hours required: 03.  Hours required: 03.
Hours required : 03
Learning Objectives: Learn about Equator / imgrany hie
Northern Hemisphere, douthorn Hemisphere.
North fale, doubt fale.
North fale, douth fale.  North fale, douth fale.  Time, lecold eminutes etc.  Previous knowledge to be reminded:
Mention about Egyptor!  Civiler etc.
and the state of
Topic Synopsis:  Latiludes — then earth notates itself, is called  Rotations, & it called AXIVA.  Rotations, & it called AXIVA.
The axis of worth eadge is called North Pole &. The axis of court eadge is called bout lose.
The axix of bouth endge it called down hote.
1 1 1 1 anth ) n n
The are between Equator & Northpole it called  The are between & southpole & Equator in called
the one demaphere of southfule & Eguator in called
itum et emiliplere.
Longitudes are alled Meridians, which comes from
Latin Word. In Theye are called Green which
operidians,
Development of Thering also

Examples / Illustrations calculations of The by dopinder colculation of Place they datilhater.
Com to the Dear ( Par) The game and Commercial declared
Additional Inputs Degigning of Longitudes & Latitudes
eaching Aids used Black Board
eferences cited — Commercal Geography: Y. Sreedhan.  Jai Blarat - By Dr. H. Sree nivarulu.
udent Activity planned after teaching , Quer front Agree legalon
tivity planned outside the Class Room, if any Google learch about the
y other activity — she she, was too want
PRINCIPAL  St. Ann's College for Women  GORANTLA, GUNTUR-522 034  Signature of the Lecturer
Signature of the Lecturer

Name of the Lecturer:  Name of the Department Com  Name of the Department Com  Class Subject CG	ren
Name of the Topic : Indian - foresty.  Hours required : forest - feature & functions.	qni li
Learning Objectives:  To Learn about the Need of forests in  the world	
Previous knowledge to be reminded: Ofen from about  What is fruit.  Let are the forey  what if antains: I then if is develope	afo
Topic Synopsis:  repti il d place where hving 2 non-livi-  repti il d place where hving 2 non-livi-  interplace — it is apla  tached to the village boundaries.	
Jehrer 1. Afacions Lord.  2. Non-missence of them being  3. Bio-diverity.  4. Tri-Scoples existence	8-
unctions of Jorests.  1. Productive Function.	
2. Protective Function. 3. Recreation Function. 4. Ancillary Function.	

xamples / Illustrations
Examples of Edicin Fresty.  Mallanda Foresty.  Rompachovdevaroum Foresty by months
Additional Inputs
Teaching Aids used Power point Report alson.
References cited — Kulyani Publi Cattony, by D.R. Khu
as print, your ofold & John of the sound
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Any other activity  - The form form the stands of the stan
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Mallands Franks, Thisvalle Hilly Schoolshill LESSON PLAN Name of the Lecturer Role Name of the Department Care Class The Jan day Subject Cq Name of the Topic : Rights & Acts, of firesty. Hours required : 03 Learning Objectives : about what one the night of Tribal people of many Town Joint Mention about from to improve frest, be to it Afforgotation a man to 18 deforestation edt. Topic Synopsis: Threat fight, Act - 2006; -This not is also call - first on a come ensis I trus People's Living Act. This tets to meet for seffere of fishald, people lives so hill are it ede. This Act provides Three types of nights.

1. Land holding Right 2. Consumption Light
3. Convervation Right. Chipke other ont . A forget Convenation Act Compensatory Afforestation Fund Rangement - Authority. Dening to protect 8mb :-11 Wirbandarys Bogramme. 2. Agrially - I trept Bogrance.

ignature of the Lecturer

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Name of the Lecturer: R. Sharen Roje: Name of the Department: Com
Class 11 1. Com / Volosecher Subject: CPA
Name of the Topic : Cost Accountry - Jan
Hours required : 04
Learning Objectives:  To Learning about Meany of Got Accounting.  Limit attent of Cost Arounfing.  Objectives of Cost Accounting etc.
Like uniform Costing, Rangind Costing Standard costing, Historical Costing Direct Topic Synopsis: Costing, & Abrophion Gotting.
fe here, objectives & Functions of Costs
Swipe, Advantages & Limitaring of go.
ement & firmand accounting.
Cost Kheet 3) statements of Got.  Colulation of Prime costs, works Got, Git of
matriction & Calculations of Joseph
of lales.  Carell A College for Women  GORANTIA GUITUR RES DEA

Froblem taken as calculation of Prime Get,
Work Get, & other costs & frely colubtion
Additional Inputs  Practicipng Problems in Text Buck
Teaching Aids used 3 Lock Soard
References cited — Kalyani Publishera by S.A. Jain.
Student Activity planned after teaching
Direct Copensa - xxx
Activity planned outside the Class Room, if any \$tip Jyt.
Add Administration 0. H XXX
Any other activity  and the section of the section
The deal street from the
PRINCIPAL  St. Ann's College for Women GORANTLA, GUNTUR-522 034  PRINCIPAL  GORANTLA

Name of the Lecturer: Richard n Rose Name of the Department: Comm
Class III B. Com (Gon Alex) Subject: Cost Alex
Name of the Topic : Methods of Pricing Issues.
Hours required : 10 .
Learning Objectives :
To Andy about the Egue of Materials.
Previous knowledge to be reminded :
Mentione about various Levels of reatings & to control the inventory.
Topic Synopsis:
Figo - First -in-first out.
FIGO - First -in-first out.  > LIFO - Last in First out.
> beightet avvage Method.
7 Simple Avange Fletted.
3 Bone stock Nethod with FIFO ALIFO.
> Olarhets Price Method.

Arsignwont.

Activity planned outside the Class Room, if any

Doing Problems.

Any other activity

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Signature of the Lecturer

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## LESSON PLAN

2018 - 2019.

Name of the Lecturer. D. V. Ramana

Department Computer Science

#### LESSON

Name of the Lecturer: D.V. Tamana Name of the Department Computer Science : Number system! Binory, hexal octa Numbering system. Name of the Topic Hours required Learning Objectives \* working with Binoxy numbery. Previous knowledge to be reminded: \* computers are electronic macking that operate using binary logic Topic Synopsis: \* converting a Binory number to Decimally -In binary no, all the columny are powers - converting a Hexa decrimal no. to Binary Form. cotal Number system: Fourth Third first Digit

second digit Digit digit Decimal 103 Binary octal 82 81

(Cambras). AU

into decimal Examples / Illustrations Decimal number = 1+23+1+22+0+2 +1+2 1 x8 x 1 x4 + 0 x2 + 1 x1 2015 8144 9413 tugat 2 ha Additional Inputs \* Input Deuten \* oil put Device Teaching Aids used Black board. Into togo of & References cited \* Referenced by REEMA THAREJA. There are two laper of puriched cond, one Student Activity planned after teaching \* convertions on Binary number system Activity planned outside the Class Room, if any are the class room, if any x House is also an input device. output device is a device as that receive stored regult from memory unet Any other activity \* cutret decirca are: St. Ann's College for Women

**GORANTLA, GUNTUR-522 034** 

Signature of the Lecturer

Name of the Lecture	Name of the Department: Computer Science
Name of the Topic	Types of software
Hours required	: 2 hrs
Learning Objectives	* computer software  * computer thardware
Previous knowledge	Base cally computer system is made up
Topic Synopsis:	Mardware soltware somputer HIW is nothing but collection of
clad physi	exsing, c.p.v., output devices are hard war
* So	st ware is a program.
	agram 18 a set of instruction.
<b>4</b> ★·	a computer software can be broadly do
	categorees;
1 exs	em software
2 Ar	plecation software
	m ware
(4) LP1	ue ware.

Examples / Illustrations
Assembly language program - Assembler - Machine language Program
High level language program -> I compiler -> Hacking language
High level language program > Interpreter > Hackine longer
Additional Inputs Hachine long.
agl progra
* Types of storage Devices
Teaching Aids used
Not lowed in soft 11 had a to
Black board
as storage devices
References cited
rreferenced by vikram cupta.
HUR 8 HAR to be name for RAH (8 RUH
Student Activity planned after teaching
* Assignment on software. & its types.
Read only memory for short is a type of memory
Activity planned outside the Class Room, if any
Activity planned outside the Class Room, if any
- coche is used to speed up the dlow of influed
Salto into the c.P.O drom main memory
14 4 4 6 4 0 1
Le sustraction permanently.
PRINCIPAL Affillated to Acharya Nagarjuna
St. Ann's College for Women GORANTLA, GUNTUR-522 034
Lamara. Du
Signature of the Lecturer

Name of theLecturer:	V-Plamana	Name	of the Department	Computer son
	Page layout	& Taach	grounds	En photoshop
Learning Objectives : -	* width & Her * color Mode * Back ground	<b>%</b> ,		
Previous knowledge to be				
		Jo You	e plante	
Topic Synopsis:	Milli "	is where desired d	You can	not select 2 chose size, then the not spe in your width & Height.
* color Hooles.	Bitmap arayscale. Kab color Lab color	choox	what m	solows you to rode 2 bit you for your new
* Back ground	contents ',- Back groun Transparent	nd color	détermine Your ba	allows you the color of conground layer
	Vandora 9 V		Choosing	white.

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10					Oust	100	20211

Additional Inputs

Teaching Aids used

References cited

Student Activity planned after teaching

Activity planned outside the Class Room, if any

Any other activity

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Affiliated to Acharya Nagarjuna University Currana D O Signature of the Lecturer

Name of theLectur	er D. V. Rama	na	Name of the Departn	nent: Compuler.
Name of the Topic Hours required Learning Objective	: 1 hv ·		ol Box:- Pe	n, Craser,
Previous knowledg	* Some	tooly in th	the Tools	panel have sensitive of
(A) path Comp (P) pen tool	(M) Marquee tool  (L) Lasso tool -  (c) Crop tool -  Healing Brush -  (s) clone stamp -  (E) Eraser -  (R) Bluy tool -  coment selection -  tor drawing paths.  Notes (N) -  (H) Hand Tool -  Foreground color-		- Move Tool (u)  - Magic Wand (w)  - Knife (K)  - pencil/paintbrus  - History Brush (v)  - Gradient tool /  - dodge and bur  - Type tool (T)  - Line tool / Rech  - Eyedropper (1)  - Switch colors (  - Background col	paintbucket (G) n bol (a) euro bennen angle (v)
157	orders of the sector		- Quickmark mode - Full screen mode - Tump to ima	(Q) de (F)

Examples / I	llustr	ation	าร
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20000, 8	level	modes	-: 600	anipulat	H YE	Color
etc.	ches	scrat				rd!

Additional Inputs

Teaching Aids used

\* ppti Black board

References cited by N.S.N. (comar.

Student Activity planned after teaching

\* convert color photo to black & white photo. \* Dack ground change,

Activity planned outside the Class Room, if any

Any other activity

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Signature of the Lecturer

Name of the Lecturer: D. V. Ramana Name of the Department: Computer such Name of the Topic : How to create addy, noice, brogh, light ether hours required : & hrs.

Learning Objectives :

\*\*Noise filters.

Previous knowledge to be reminded:

- know the fitter Menu.

Topic Synopsis: # The noise filters add (or) remove noise, or) pixels with randomly distributed color levels, # This helps to blend a selection into the surrounding pixels.

\* Noise bitters can create unusual terms
(en) remove problem areas, such oy dust & scratchy

boyed on uper settings affecting the overall image (or) individual channel.

a polygon shape.