

Mugberia Gangadhar Mahavidyalaya

Estd.-1964
NAAC Re-Accredited 'B'+ Level Govt. aided College
CPE (Under UGC XII Plan) & NCTE Approved Institutions
DBT Star College Scheme Recipient

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TEACHER'S DIARY

Department of Chamistry

-	
Class Sem 1	1, 1, 1, 1V, V, VI . GE-1, 11 . B. Voc
Subject	Chemistry
Session	2022-2023, 2023-2024
Teacher's Name	Minakshi Maity

Time Table For Odd Somester

DAYS	1	2	3	4	5	6	7	8	9	10
Monday			SEM-3		SE5-V CIIT	0.0000000000000000000000000000000000000	5EM-V -2P			
Tuesday			SEM-V	SEM-I GE-	5EM-1 1P (Nut)					
Wednesday		SEM-111 B-VoC	SEM-M (GT		5EH-1 1P (Halh)					
Thursday			SEM-III DSC-ICT	SEM-V B.VOCT		SEM-III GE-3P	S€N- <u>∏</u> Gc£-3P			
Friday				_		- 11-				
Saturday						7				
Sunday										

SUMMARY

Class	SEM-II	SEM-V	SEM-1	
Subject	Chemistry	Chemistry	Chemistry	
No. of Periods	6	5		

Time Table For Even samester

DAYS	1	2	3	4	5	6	7	. 8	9	10
Monday		SEH-VI CIST	SEM-IV CAT	SEM-II C3T				* 4		
Tuesday	SEM-VI CIST				SEM-ÎV CaT	SE SEH£	SEH-II -2P(Hali)			
Wednesday		SEH-[v Cap	SEM-TV CAP	S€ M- [V B. Voc T	æ	SEM-II GE-	SEM-11 2P (NW)			
Thursday		SEM-11	SEM-11 GCE 2T	SEH-IV (qp	SEM-IV CQP	•				
Friday							. :			
Saturday		•			1111111					
Sunday				- V						

SUMMARY

Class	SFM-II	SEM-TO	SEM-VI	
Subject	Che mistry	Chamistry	Chemistry	
No. of Periods	7	6	2	

2. A Syllabus of the Work in Outline

SEM-II
$(\mathcal{C}_3 \top)$
Extra nuclear Structure of atom =
. To such a distribution of the contract of th
> Chemical Periodicity >
Modern TUPAC Periodic table, Effecti
nuclear charge, screening effects and penetration, Stater's
rules, atomir radii, innic radii, covalent radii, lathanide con
traction. Ionigation potential, electron affinity and electronego
tivity and factors influencing these properties, group electro
negativity. Geroup trends and poriodic trends in these propertie
in respect of s. p. and d block elements. Secondary peris-
dicity, Rolativiatic Effect, Innext pair effect.
rigor Why a Chales has grown a william of the hour had not it
> Acid-Base Roctions:>
Acid - Base concept: Arrhenius concept
theory of solvent system. Bronsted - downy concept, group
Characteristics of devis acid, solvent revelling and diffe
rentiating effects. Thermodynamic acidity parameter, Drage.
Hayland Cognation. Super acids. Gran phase acidity and prot
allinity, HSAB principle, Acid-base equilibria in aq.
solution, pH, butter, Acid-base neutralisation curves,
indicator, choice of indicator.
=> Redox Reactions and precipitation Reactions:>
C3P waster LETT made with at Value 1
=> Acid and Base Titrations:
and a second as a second
> oxidation- reduction Titrimetric:

71 - 11 3-5
(C6T)
tales madeau Structure of alone
- Cl · A B - Jing T
=> Chemical Bonding-I
(i) Janic Bond => Greneral characteristics, types of ions, Size effect,
its application and the application and the
packing of ions in crystals, Born-Lande equation with
derivation and importance of Kapuntiskii expression ton
Totlice energy. Medeling constant, Born- Haber cycle and its
application, Solvation Genergy, Defects in solids. Solubility
application, Solvation Veneral 1 15003 10 100000
energetics of dissolution process to bone a set of many (
113 a said and release the Young
(ii) Covalent Bond > Polarizing power and polarizability, ionic
potential, Fozan's rules Lowis structures, tormal charge.
Valence hand Theory. The hydrogen molecule (Heitler - London),
directional behaviour of Govalent bonds, hybriditations.
equivalent and non-equivalent hybrid orbitals, Bent's rule,
Dipole-moments, VSEPR theory, Shapes of molecules and ion
Containing lone pairs and Bond pairs and multiple bonding.
colling . HEAE principle. Acid-base earthfull in ac
> Chemical Bonding- II a sand lois A colled III willed
ndicolar, choice of indicator.
> Radioactivity >
Reday Fearlions and Ing 3 Halion Rear Dougles
> Iodo-/Iodimetric Titrations
Arial and Base Titrations:
=> Estimation of metal content in some selective samples.
exilation seduction libianelaic:

3. Detailed Syllabus (A) First Term

SEM-IV (CoT) The nexal principles of Metallurgy > Chemistry of Sand P Block Elements >
> Greneral principles of Metallurgy >
=> Greneral principles of Metallurgy >>
00 (11) 10 (11)
00 (11)163-11
=> Chemistry of Sand P Block Flements =>
Rolative stability of different
oxidation states, diagonal relationship and anomalous
behaviour of tiret member of each group. Allotropy and
Catenation. Study of the following compounds with emphasis
on Structure, handing, preparation, properties and uses.
Beryllium hydrider and halides. Boxic acid and Borates,
horan nitrides, borohydrides and graphitic compounds,
Silanes, oxides and moacids of nitrogen, phosphorous, Sulphu
and charine. Peroxo audo of sulpher, Sulphur-nitrogen comp-
ounds, interhalogen compounds, polyhalide ions, pseudohalogers,
fluoro Corchons and boxic proporties Vot halogons.
<u> </u>
7 Noble Grasses: - II - professional maileacher of No
Occurence and uses, rationalization of
inextness of nable gases, Clathrates, preparation and properties
of XeF2, XeFq and XoF6, Nature of bonding in noble gas
compounds. Xenon-oxygen compounds. Molekular shapen of
noble gas compounds.
noble gas compounds. Molekular shaper of
7 Inorganic Polymers. Welsindals militarilise as substant
Landbourdes and Advancides:
=> Co-ordination chemistry-I
CASA CERTAIN FOR THE WAY AND THE PART OF T
the self-self-self-self-self-self-self-self-

3. Detailed Syllabus (B) Second Term

From To
(C11P)
=> Chromatography of metal ions =
=> Geravimetry
=> Spectrophotometry
SFM-VI & renturk since 1A =
(C ₁₃ T)
= which are a large to the state of
> Bioinoxganic Chemistry
=> Arida and Passes =>
→ Organometallic Chamistry =>
Definition and classification of
organometallic compounds on the basis of bond type. Concept of
hapticity of organic ligards. 18-electron and 16-electron
rules. Applications of 18-electron rule to metal cornonyls,
nitrosyls, Cyanides Greneral methods of preparation of mono
and binuclear Corrhonyls of 3d soxies. Structure of mono and
binuclean Carponyls, pi-acceptor behaviour of Co, synergic
effect and use of IR data to explain extent of back bonding.
Zeiso's satt: Preparation, Structure, evidence of synergic offect.
Forrocene: Preparation and reactions. Reactions of organomethalic
complexes: Substitution, oxidative addition, reductive elemination
and insortion reactions.
- 19
T Caralysis by Organometallic Compounds >
Study of the following industrial process-
Study of the following industrial process- alkers hydrogenation, hydroformyledian, Hacker process, Fischer Tropsch reaction and 2 ciglen- Nalla Calabysis.
Fischer Tropsch reaction and Eciglet Nalla Calabysis.
,

3. Detailed Syllabus (C) Third Term

From To
(SEM-2)
(GLE-2T)
(H-Rung)
Inorganic Chemistry - II
=> Chemical bonding and Molecular Structure.
Jonic bonding: General characteristics of ionic bonding,
Lattice energy, Born-Haber cycle, Born-Lande equation.
polarising power and polarizability, Fojan's rule, dipole moment
Covalent Bonding: V.SEPR theory and hybridisation with
Suitable examples of Linear, Ingonal planar, Square planar,
tetrahedral, trigonal hi pyramidal and octahedral arrangements.
instituted Mercal condition. O'man't present the Harrist
Concepts of resonance of various organic and inorganic
Compounds and M.O approach.
A. Chamilas and Walleson
-> Comparative study of p-block elements.
TIT - Growing
(GrE-2P)
- Lyder Midling girages
Inorganic Chemistry Lab >
- Demonstration of the manual of the state o
Quantitative semi micro analysis of mixtures containing three
rdicals.
Acid Radicals: C1, Bx, I, No, No, 52, S0q2, P0q3, B033-
Bonic Radicals: Nat, Kt, Cat, Bat, NHqt, Fe3t, Ni2+ Cu2+

B. Voc	
(Part-II)	
Inorganic Chemistry =>	
1. Comparative Study of P-block elements:	
2. Acid-base concept:	
Arhenius and Bronsted Lowry Concep	4,
relative strength of acid bases, Lux-Flood concept, dewis	
Concept. PH, buffer, HSAB principle.	
Cooled Boarding: "VERR throws and but inches to	
3. Redox Chemistry:	
Balancing of equation by ion-electron	n
method. Nernet equation, I formal potential, disproportio	math
and comproportionation reaction.	
Programmed and Mile apparach.	
4. Chemical equilibrium:	
Alconole, pold a la abake saltennelle	-
paper-III	
(10-40)	
Inorganic qualitative analysis.	
	1
Inorganic quantitative analysis.	
Land to provide from the state from the Contract of the state of the s	
The Part Con Standard Con Francisco	

Dzie week	FORECAST	Amount Taught
	Buention and answer discussion	JP
	apter organi	
	Chemistry.	
	U U	
	Structure preparation properties of	JP
	-	5
	Theory of acid-boxes	J.P
6/00/22 -	Question and answer division	
11/00/22	مر المراجع الم	3 P
	Chemistry	
	Structure, preparation, and	9
	properties of oxide of P	1
	Estimption of hordness of poter	20
	audion and onswer tor compain	19
	ing acidity - boxicity	
	Estimation of 2n2+ in a sample	2P
Date	Home task for the week	

	SEM-(V)	SEM- III	SEM-(V)	SEM:	₩-₩3	Щ-и 35	Ste M-10
	Very much interested	very interested	Yary much interested	Varyl interested on a second	Students are satisfied	Students want the class through	Notes and observation by the teacher Students are very intercollect on discussion.
Managar Bandanan	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1			A CONTRACTOR OF THE PARTY OF TH	Remarks by Principal or HOD

Date week	FORECAST	Amount Taught
	religition and characteristics of	1P()
	ionic bond	
PANOS	eneral Characteriatics of 5d sories	1 P
109 122	Some nes.	to profit
120	(S)	1P
Or .	Drivation of Bonn-Lande equality	
0 0	00000	0 0
9/09/22 -	Discussion of questions and	1P () 110
1/09/22	answers on Born-Lande	
	equation.	
	Detailed study of oxidation	() = 4 l8
(O REA	state, electronic configuration,	1P
2	rodex chemistry and to ordine.	()
E 200	thin chemistry of 5d elements.	£ 4)
Contract of the second	depis definition of acid buse	
	and classification of lewis	1P
	acid and Lewis base.	1/1 1/1
late	Home task for the week	

Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
SEM-111	Students are very much excited	r consti
	to draw ionic bonding between	
	various elements	HONOHAD
SEM-V	Students Want to take class notes	3 2~
9	L Levias puillars I has probi	10000
s£M- <u>Ⅲ</u>	Students are very much interested	
, , ,	o Gardonio Tolo Gardon	
SEM-II	to military cine of the cold	n form
JETT III	Students give the answers	20.0
	Janet (1) Journal to Lead	reserve in
	TE secondary Dia Laure	· 1500
SEM-S	Students clearly note down the	. Kise 509
	class notes.	(m. 910
	at esterior handlik to a	et Contra
	shough he distribit in	c/+=1
	Students are very much	+dma")
EM-I	attentive in the class.	· Verre
rE-T	0 0	06209
		U
		Son/2002
		Principal Hugberia Gangannar Mahavidyelaya

Date week ending	FORECAST	Amount Taught
	Lux-flood concept and solvent	1P
CONTEN.	System concept	Tarana and a same and a same a sa
12/	12	South Lagarett
1000	Allocationing and Levelling solven	JP
6/09/15	and Head principle	
1/10/23	COR BAR PIRADIR	
	72 1 1 2 5 5 1 1 2	
	Introduction of F-block elements	1P
	and electronic configuration of	
	Lanthanides.	0 11 -11
1/91/22	140.000	(1)
- 5/11/22	Born sted theory of acid bose	19
	and concept of conjugate	٦٢
His	acid - base.	A 198
pija m	1	
protect	Compare of different properties	1P
	botween 5d with 3d elements	
	concept of solvation energy	JP.
	and three fore hydration	cold to to the
	Charge State	for the
	energy.	
Date	Home task for the week	
	and sometimes.	

1st (GE-		or HOD
	Very much interested and	Assistant .
SEM	Qurious	- britis
	100	
	11: 15 1 10 1 10 15 1	30
te i	1 T	10 a
1 St GE-1	They are very curious and	- NOD
51	Want class Unole	
		() II
	II Linearth ban May Store	15.2
	nifor an	inc is
Sem-v	They mand class note	- 22/1
_	a word finds word from a	111/22- Ashes
	D word - 6'ara 30 -	A street
SEM-I	Students listen and under-	
GCE-I		
	stand the class very carefully.	
	11	
EM-V	ch I have be lesselfed to se	
<u> </u>	Students note down the class	Nilegia
	notes very carefully	- Fan
	U U	
EM-III	Students are very attentive	
	ion the class.	
		Smimm
		2.11.25
	u.	Principal gberla Gangadhar Mahavidyalaya
	N.	9-

FORECAST	Amou	int Taught
Amicalian Of Bann- Haben sucle	JP	1.9
and solvation energy		11.
Jan Santagan Card		
idazion states of Landhamides		
	19	13
	, 450	1()
S. Contraction of the contractio		
Radius ratio rule and determination	19	
Same and a constant	11	V-103
Axhenius and Bron-Sted Lowry	10	
1 1		
	11.	1000
Practical instruction of estimation	2P	0.15
of oxalic acid by KMnon		
3		
Application of HSAB principle	1P	V-14-1
	100	
milest was a sta	Link.	tri es i
Le sonte que	1- 755	
Home task for the week		
600000		
	Application of Honor steel Lowry concept of acid-base Practical instruction of estimation of oxodic acid by KMnQq Application of Honor principle and question related to this.	Application of HSAB principle Application of HSAB principle Application of HSAB principle Application of HSAB principle IP IP Indication of HSAB principle IP IP IP IP IP IP IP IP IP I

Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
SEM- <u>M</u>	Students are interested about the class	o.H la
SEM-V	Very poor presence of students but present students are very much interested	GADHA
S€м- <u>Л</u>	They are interested to calculate the values of radius ratio	
B. voc 2ng	They give good response	Control of the second of the s
SCE-I (NUI)	They are very serious for listening.	20, 47
GCE-1	They are very attendive in	miles Messe
	96 -might militage rather halfon on	and of the same
		Principal ugberla Gangadhar Mahavidyalay

Date week ending	PORECAST	Amount Taught
	Magnitic and spectral properties	10
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 × (4.15
040	Radius ratio calculation for	1P
13/	an= 6 and CN=8 and appli-	
15 00M	130	and the same
1/11/25	reidalism and reduction	J P
-19/11/22_	Application of radius radio role	19
	and pocking of ions in crystal	
	denis theory and Lux-flood theory	MP CONCAS
	of acid-box	
	Estimation of oxalic acid by Kunog	27 (-7.0)
	Balance redox reaction by ion-	16
	electron method	
Pate ACT	Home task for the week	

	THE DESIGN	
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
SEM-V	Students are inderented and they	
	Wand to clear their doubt ob	STORBURG
	Spectra	19 8 -
		Ton o
₹H-Ⅲ	They are very much attending	THE PARTY OF THE P
SEM-1((4E1)	They are very interested.	12
	t maistern value and	501A - 120A
SEM-III	They are very much attentive	s of
	U 0 0 .b.	Herr
SEA BYOU	They are very curious	CALN
StE-1	Practical is done very sinurely	(Q
(Madh)	tea franchie bo and	MOD.
	Il educate be by	8
(E-1	afankasis Be	asioi
(2.2	They are very interested in the	
		Zobal var_
		19-11-2022
		Principal choria Gangodhar Mahavidyalaya

ending	FORECAST	Amount Taught	Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
	and the support of the sign of			the beat sheet will be	
-	HARd-Solt acid hose character		B. Vac	istudents are very much atterdire	www.fr
•	ristics and principle and	1P		in the class.	
/) ils application			Il and mathematical la news	Soron-
1000	5/7			b hadlen stateland	Principal Maghela Geografias Maharidysiss
	Balence of redex reaction by	1P	GeE-2	Students are very much active	
	ion-electron method.			and they do well in home task	alama.
	Salvanter in a sec	37 11 11 11 11 13		and the second	Al- tre
	L.			Students are very intercated	
122 -	Give Some redox reaction	18	(GE-1)	in the class.	-1.42 ISH 18
11/22	to balance if by ion-electron	4- 445			5 / 19/ 2-
	method.			halfan ana	175.
	method.		-	actions of the modical of	r T
	Pocking of ions in crystal	1P 492	SEM-III		C12-6CA
+ MO	1/4 0		-	Students are very much	11 11 11 11 11 11 11 11 11 11 11 11 11
	on allais.		,	intercented, Good of English	MULE
0.0.5	Compare of different pro-	felourly	-	(c) 1 1 1 1	2000
-	alterent pri-	19	SEMS	istudents note down the	Principal 26'1
-	speaties of 5d elements			class note clearly.	11/1/
	with 3d elevatents.	: 23		Q .	
	24 31 424 22 23 420 24	2-173		9.2 yel hino clare to million	Li
		L. N. S.		in Lang Solution	mrki.
	Home task for the week				
140			(2-12-)	or three redox causalion	98/91/12 Bala
OF THE REAL PROPERTY.				sidetion state method.	vol.
					U

IV. DIARY Date week Amount Taught FORECAST coding Packing of ion in crystal and Balancing of ignic equation by Spectra of lanthanides and lanthe nide Contraction 28/11/22 Asolotion of landhanides by ion--3/12/22 exchange maked Instruction of the practical of 2P estimation of oxalic acid by Standard K Maga RH and problems related to this, 1P 1P Estimation of exalic acid by 2P Standard Know Solution Date Home task for the week 28/11/12 Balance three redox equation by oxidation state method

TV. DIARY	
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Class and	No.	Remarks by Principal
Subject	Notes and observation by the teacher	or HOD
SEM-3	Students are very much attention	Polos
	in class a basifications	eni
		b
GcE - J	They are very much sorious	Emign_
	0 0	Principal 28-11.
		Martin Carles Haland, mark
SEM-5	They are very attractive about	lilocA.
	the class	
	to missippliant to misse	e: (-)
SEM-V	They are very attentive in the	mill - Calm
	class 00	O /12 /21 NAME
	in of hudragen in the	Hoof
EM-1	They are very much sorious	57 7 67
	agree in the property	sides Solm 28.1
	, D	Magheria Gargadhar Maharidyalaya
B. Voc	Students are very attentive	2-10 California (1-1)
SeM- 3	very much attractive	
	J	
GCE-1 (HON)	They do well in the practical class.	
	J and the provided	
		28 III
		Maria Compation Made of the second
GrE-J	They do all correctly	
	0	

Date week ending	FORECAST	Ame	ount Taught
	Polarisation theory and fectors offer	1P	2 14
	ing polorisodien		
	1 -		
	Estimation of exalic acid by	2P	1 2/10
her one	Kang		
2100000000	The Property of		
	A 1: 1: A = 1 : A: II	1P	2 41
	Application of polarication theory.		
	0 0	North-	
	Folimation of crystalisation of		
112/22 -	Doller of Mohr solt by standard	29	2-1100
7/12/22	Kunoa	Va15	
	D 21 1		
	Position of mydrogen in the	400	Later
	periodic table and position of	1P	1-717
	noble gases in the periodic	U	
- 1-go	Jable (
			N.V.
	., ., .,		- 4-5
	201 2703 350 7		-17.60
	and a larger with on the are		man to the
Date	Home task for the week		
		75.0	1.20
	1 280 116 00 00		- 270

Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
SEM-III	They are vary much interested	1 s. A
₹Е-J (N₩)	They are very attentive in the practical class.	Principal Majoria Computer Material; Ety a
SEM- [II]	Very much interested	21.3
cE-1 (MN)	They are very serious in the	201512 201512 201512
	18 of Give siders to mailso	- Principal 9-122
ice - 1	They are very attractive in	Market a Canada Market 1 12
	politik Eventuent	<u></u>
	at want to be a few	interior
	30	131
10.		

Date week ending	FORECAST	Amount Taught
	Postulates of Valence Bond	T 19 10 MIE
	Theory.	
	Alomic radius and ionic	THE CONTRACTOR
and the second address	radius.	hard.
	Estimation of water of crystalli-	1002P 11-1432
	solion in Mohr solt by)
2/12/22	Kung with all aunitors we wan	SET (MIN) TELL
7/12/22	Books Course	vo ed
	Estimation of oxalic acid by	2.9
	Kuney	
	are you altertive in	61E-1 The
	Estimation of malic acide	20
•	by standard KMnoy	
	concept of S and A bond	1P
	and their difference in	
	details.	
Date	Home task for the week	-

Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
for sen-11	Very much attractive in the	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
ocf-1	Very much attentive in the	Principal Maderia Geographic Maharidi dar
800 GCF-1 (Ny	Vory much interested	
	and bear blesse of	110
GcF-1(Hain)	Very much interested.	
GCE-1 (NW)	Students do the practical very seriously.	Principal 17124
5EM-XI	Students are very much interested in the Iclass	anti

Date week ending	FORECAST	Amount Taught
	Rules ton hyperi disation and	JP () or
	classification of Impridisation	
legiste	Change of radius along period	man Fras
AS SAL MA	and group and change of	Seed of P
	ionic radius from no saval atom	
	bolisestat Journ	
9/12/22	Detailed study of hybridi-	1 P
24/12/22	sation with examples.	
	Estimation of crystallikation	2P (4041)t-45
	of water in Mohr salt.)
	Carifo and will old story	TE-1 (tai) sta
	Fistimation of Fe(1) by	2P
	standard K, Cr, Oz solution	1.
	de de la constante de la const	ode was
	and the last seek	rsf.ei
	,	
Date	Home task for the week	

	IV. DIARY	
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
SEH-D	Very interested	2.7
GcF-1(T)	The man delicated the	1.50
Ju - 2 - ,	They are very interested	Magheria Gargadhar Maharidyslaya
	maillanes Ulette people	rielo
SEM-III	The students are very much interested about the Class	12 2 2 VSC
EM-I	Students do the practical	
G(E-I (Maily)	spriously.	Magheria Geografian Maharidy alay a
<u></u> БИ-Т	Students are very much	•
E-I (Hadi)	interested about the practical	

Date week ending	FORECAST	Ame	ount Taught
	V. S. E. P. R. Thiory (Ride Tand 11)		Pillana
e quis de caste de la caste de	Ionisation potential: Refinition Finite depends on I.E. Change of it along period and along group with exception.	JP.	(r)(A)A
1/1/23- 1/1/23	VSEPR Theory (RWe II) Trand	: 1P	जिन्म १८
	Gestfanor tale el viba	le2.	(1884) (1884)
•	down were sen its	u tê. Hele	7-1473 (684) [-73
Date	Home task for the week		

	IV. DIARY	
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
SEM-III	They are very attentive in	
	the class	
	ration	The state of the s
GE-L	They are very much interested	- Godon
	U U	Maderia Comprehent + 1-23
	and the land	al large
FM-M	They are very much curious to	vinda -
	Know the Rule's application.	
	Anthony of	40
		21 L
		1.14
		F_C_T
	I i with the same of the book of the	1 - 1
	10	
	Like at first in uniform	

Plate week ending	FORECAST	Amou	nt Taught
	dewis det structure and formal		01.015
	charge calculation with example	4.P	•
	and exception.		1 1/1 20
Prince	Fortron offinity: definition,		
43.	units sign factors affecting		
	ekdran affinity, Change along	qt.	111-14 13
M123-	posis d and group and example	Land.	
14/01/23	and exception.		
11-12	Felimation of To (11) by K, (7,0)	2P	
	Solution.		
	Bona's Rule and its application.	1p	
	Felimation of Fe(1) by K2(7,02	2 P	
	Schilon		
Date	Home task for the week		

	· · · · · · · · · · · · · · · · · · ·	
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
	at 14 billion in 1960 Service	in T
SEM-III	They are very much interested	No. of
	O AND O	-
	3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100
61F-1	They are very attentive.	
	O GOLDON	Godon
		Principal Mader's Computer Metarichalays
(KE-1(NW)	They are very attractive.	
	40.00	Mar
SEM-II	They are very attentive in the	
	ches man har without to ani	Diene
LC 1 (11-21)	charles of Camila	it of
6E-1 (MAZH)	They one very much interested	57 632
	0 0	

Date week ending	FORECAST	Amount Taught
	Factors affecting electronogality.	16
	toried and group	<u> </u>
	Estimation of oxalic acid by titrating with K. Mnog	2P
101/23	moneya O	
	Lewis dot str and formal charge	JP (CM) 10
	at a alsolo any an	66-7432
	Discussion of question and answers	- 17
	for the Chapter of Chemical periodicity	, it (1001) (30
Date	Home task for the week	

Class and Subject	Notes and observation by the teacher	Parades by Principal or HOO
GCE-JT	They are very much attention in	304 t
	the class.	-11 <u>-</u>
(E-1 (Nut)	They are very serious in the	
	provided class.	Barron
SEH- <u>111</u>	They are very attentive incloses.	Principal 21-1
	d d	
πE-1 T	They are very interested in	
	Closs. (1	

TV. DIARY IV. DIARY Dar neck Amount Taught FORECAST coding: Determination of Te (1) by No C1,07 Discussion of Some quations 1P about chemical bonding chapter 23/01/23 -Determination of number of 28/01/23 2P Toda of organisation Mohr Salt Date Home task for the week

	IV. DIARY	
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
GE-J P(NW)	They are very serious in	ard.
	O Pradical class.	
SEM-III	They are very interested.	<u> </u>
	II. markini ka mbani U Li	Principal 2812 Magharia Gargadhar Maharidhalana
(f-1 p (Maily)	Students are very much Serious	1121
	in pradical class	
		U = North
		3 5 25 35
	, ,	
	-	
	*	

FORECAST	Amount Taught
Boh's theory and its application	and part (b)
Delamination of Te (10 by	21
K,2C1,07	10 - 10 - 10 ts
Atomic spectra of hydrogen	JP
Estimation of exalic acid	(2 (Set) 91-32
my standard kny solution	
Home task for the week	
	Bohi's theory and its application Determination of Te (10) by K2(27,07 Atomic spectra of hydrogen Estimation of exalic acid by standard K. Hnog Solution

	DIAKI	
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
GE-1 T	very intercolled	
G(E-JP(Hall)	They are very serious	
6E-1 T	Very much attendive in the	Policipal V V
(TCE-19 (Nw))	Students are very much interested	1.00 (2) 1.00 (2) 1.00 (2)
	in the practical closs.	and comment
	nest.	n Ur n 2

Date week ending	PORECAST	Amount Taught	Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
	kdowshi y	4.1.39			
	Sommexfold's model	1 P	GCE-17	Very much curious in the	
	100 to 100 mm	" II. Mean 199		class, miles and an	F-10
	Estimation of explic acid by)			
	Standard KAnay Solution	2P	GCE-JP (MAH)	Students are very much serious	4.7
	- sul- ar sufficilly about	60-1 T Ver		in the practical class.	(3.3
and the state of t	Quantum numbers and	19		progress class.	
	their significance		GE-1T	7 00 11 11 11	- Compa
6/02/23	Their Significante	(11 (Sum 9 1-10)		They are curious about this.	Magheria Gergadher Maharidhalma
-11/02/23	Determination of number of		-	3	\$ 2 \ co. \t \ -
1102123			GCE-1P		
	rystollization of Dater by		(NWY)	They are very attractive in	
	Ousing Mary's salt		Civili	the apractical class.	r 14,5 \$
	solution			- 113	444
	+				
Date	Home task for the week			-	
Date	House lask for the vices		-		
			-		
			-		

IV. DIARY TV. DIARY Amount Taught Date week FORECAST Remarks by Principal Class and Notes and observation by the teacher enting or HOD Subject 1P Pauli's exclusion principle GCE-1T They are very curion to solve and its application. GCE-1P (Hall) Students are very much interolate in the practical Oclass. Hund's rule and its 19 GCE-1 T Students are curious in the 13/02/23 Application theory class. -18/02/23 Estimation of oxalic acid by G(F-1 P (N)) Students are very much serious in the brackical ches. ampine + allie Date Home task for the week

Date week ending	FORECAST	Amount Taught
	Auf bau's principle and its	19
	limitations.	.ac 16
	Limitorions.	
	71 1 2: -(
	Determination of number of	2P
	crystallisation of water in	21
	Mohr's salt solution,	A.c.
0/43 FOZ	Some question and answers	10
0/04/12/90	discussion on atomic	1.9
25/02/23	Spertra.	
	1	
	Estimation of Fe2+in	2P
	Mohr's Salt solution.	Service .
	Introduction of organomotalic	
	Chemistry and classification	19
	of organometallic compound.	
Date	Home task for the week	

Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
GCE-1 T	Students are very attentive	
9	the class rooom.	e in colo
	no met allie compoundo.	0.00
hE-1P	Students are very attractive	
	in the class. I do	ash I
	lion	srfil-
GE-1T	Students are curious in the	_Serion_
	class room, all by miles	Martin Carper Note
	be book of Halenday 19	- laa
GE-1P	Attactive in the classroom	Fielso
	OHTACHVE IN THE CLASSITOOM,	
	art axin si asitu	- Fire]
SEN-VI		[march
	listen the class.	2,,29
	,	

Date week ending	FORECAST	Amount Taught
	concept of 18 e rule for organo metallic compounds.	Jp
	Idea on complexometric	2P
7/02/23 1/02/23	Exploration of 18e rule on the boxia of Holecular orbital diagram.	P SL-Di
	Instruction is given for complexometric the ation of $7n^{24}$ by FDTA solution	1P 1 (10)
Date	Home task for the week	

IV. DIAKI	
Notes and observation by the teacher	Remarks by Principal or HOD
They are very much sorious	iales clock
They are very attractive	(svv
this.	80102-4-32
They are curious to under	Principal Machala Garphia Materilly styr.
Janes de gales	
They note down it carefully.	
	They are very much sorious to listen this. They are very attractive and laive some question on this. They are curious to under Stand the facts.

Date week ending	FORECAST	Amount Taught
	Calculation of total valence electron of some organo- metholic compounds.	1 P
	Condexample colimation of	ωΓ <u>Δ1</u> -1133 ε 6κο
	Complexemetric entimation of Zn2+ by EDTA solution	2P
163/23		
-11/03/23	where of male on mo	ar kac
	2h 1 2011-1	012.
	allebora di comin de e	5(43)
Date	Home task for the week	

Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
	They done this correctly	(an)
EM.VI	Colored Hand South of Color	3 5t
	Suscess Siffetomoreaus one	; ni
		Same
SEM-IV	They done the practical	Mark Control 11.
	The dene the practical very carefully and give the accurate result.	dans
		£500
	odion, proposition and	Mostles Prices
	Interes to metal	hara
	and allic conversion.	repas
	inclien of (a (1) and	n olsi
	in a mighty by	1) 601
	D .maifulas ATO	1 D
	Franklik b whilelake a	16.1.51
	ling shall of sound plant.	obiso
	(

Out week ending	FORECAST	Amount Taught	Class and Subject	Notes and o
	Application of 18 e rule	19	1511 (ii)	They are
	to calculate the M-M bords		SEM- SI	ented to 1
	in some organometallic compared		-	
				91 32 47
and our sales	Determination of total hard.	2P	SEM-W	They do +
	ness of water by EDTA	art.		accionately
- t t	0	wait.		0
3/05/23	7 7 1			fittore
-18/03/23		19	SP97-81	12 %
	and be nuclear 3d metal		389-VI	They note
	organometallic compounds.		-	- U
	J			and i
				15 00
	Determination of Ca (11) and	2P	(Fix C)	ine:
	ng (w) in a mixture by	<u> </u>	SEM-IV	They do th
	UEDTA solution.			corelfully
				do not pro
	Relative stability of different		SEM-IX	They not
	oxidation states of sand place.			Vorn
Dute	Home task for the week			
	-			-
				-
				-
				1

	IV. DIAKI	
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
EM- <u>(1</u>	They are very much inter.	
EM-N	They do this correctly and accurately.	Sárkran 19-3-23 19-3-23 Madrifi Canadas Materidysleys
BN-₹]	They note down corefully.	erkell e di i dann
	naikouhoelai holi ois 18 00 la maesai a.M.	escol. Eur
EM-IV	They do the practical vory corelfully but major stutings do not provide correct result,	refrej metek
EN-JX	They note down the facts very corefully.	eneld dansid

Date week ending	FORECAST	Amou	nt Taught
	Reporation properties, Structure	1P	
	no mobilic kompound.	ilas	14 - HB
	Diagonal Relationship: Definition	1P	
AND THE SEASON	between diagonal elements.	ant.	रा-्रायाह
	Estimation of Ca(11) and ng(11)		
•	in a mixture by complexe	2P	() ear
0h3 123 -25/03/23	metric titration.	1	
210325	Synergic effect introduction	1P	
	for explaning the bonding		V;-(43)
	pattern of chi with Metal.	100	
	Member of Gr. T. Ger II and	1P	
	group 13.	/	et-de-
Date	Home task for the week	-	

	IV. DIARY	
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
	They are very much intereded to	
SEM-VI	note down the board work	
	properly.	- 13
	1 1 0	
	And margan by and a	
EM-IV	Students are very much active in	Erren
	the class and they write the class	i de la companya de
	notes thoroughly.	Soion
	0 0	15.3.2
5 - 1 - 1 - 1	They are very much constul in	Macheria Gergadiur Mehn lehal
EMILIA)	the practical class and do the	Α.
	practical correctly.	instic
	· U	
EM-VI	I fail to realized it in a	and the second
EM-M	The students are very much	202/2
	interested in the class.	
	22 Administration of the contract of the contr	
	mai (th) themes (t) o	olevo
EM-SV	Students note dean the class notes	
7E 1-7-1-	propenly.	
	U	

	IV. DIARY			Tv. diary	
Date week ending	FORECAST	Amount Taught	Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
		- 1		i blimb her miliograph in	ec.
	Preparation of tris ethylene diamine	2P	SEM-IK (B)	Students do carefully the practical.	otexi
	chloride bi hydrole.			brenoil: (Mustrees sile	Hami, Latar
	Explonation of synergic effect	10	SEM- (T)	Students are very much atter-	
	and application of it to IR	1P 1998		tive in the practical class.	44-51 A
	Stretching trequency	antas		to and it ilements.	radio
	Zeise's Salt: preparation		SEM-VI(7)	Students are very much inter	
1/03/23-	and structure and bonding	1P.		sted about the class.	Serior 1.423
01/04/23	and some quentions and answer	Land		Walliam Olivina	Magheria Gangathar Mahavidyalaya
	also we it.		SEM-IV	Students are very much interested	
	Anomalous behaviour of first	1P		to note down the class notes.	
	element of group 14, 15, 16 and 17	10-1495	ļ 	Build feet o	<u>irbi</u>
	Preparation of Pollasium bis	28	SEM-IV	Students do the practical very	
	oxalate Chromate (III) ion.			Correfully.	
	along the office of the offi	violation violation	-	7	
	L.	1 1			
Date	Home task for the week				
			1		
			1		
			-		

Date week ending	FORECAST	Amou	int Taught
	Fernesi Preparation and donied	19	
	proporties. Reactions of organo	nili .	
	metalic compound : Ligand		
	substitution reaction.		
	and the second of the second o	1.0	4.
	Allotropy: Definition and	211	
	1. 1/1	1P	
	different allotropy of group 13.		
	114, 12 and 16 Plemana.		714-43
3/04/23	Scertion of organometallic compo-	·1P	
8/05/25	words - Oxidative addition		
	- Middill Madi Got		
	Clarker had a base atomic	1.1	Att. M 35
	Streture, bonding, preparation	1.6	
	Individe and halide.		
		1.10	11-14 12
	-		
Date	Home task for the week		

IV. DIAKI		
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
SEM-VI	Students listen the class very	
	Correfully.	
EM-IV	Hudents note down the class	
	notes very correfully.	Salan
	0 0	Machoria Geopolius Maharidania
SEM-VI	Students are very much active	
	in the class ()	-
SEM-IV	They note down the class	
	Carefully	
	- U	
	-3	
	has the same of th	
		-1.1

Date week ending	FORECAST	Amount Taught
	Receion of organometallic compounds	SIM VI ALCIN
		Line
	Reductive elemination.	
	Structure bonding proposertion.	JP
10/09/25	properties and uses of boric	
15/04/23	oud and brade	TI-MIS
	WITH AM BASIE	wtorr
	Control Prices	
- helpid	Reaction of organometallic comp-	1P
and the and the state of	ounds - migratory insertion	
	7 0	
~ ~	0 ~ 0 ~ 0 ~ 0 ~	-0~0~
		40
	concept of chemical bonding	1P
	and ionic bonding.	
	U	1, 10, 12
20/11/23-	Conard of acid-Base:-Axhenius	19
25/11/23	1 1 2	
23/11/25	theory	
	U	
	Concept of transition elements and	1P
	introduction of 3d elements	
	01. 1. 1. 2	0.0
	Falimation of Fe2+ by K2Cr207	2 P
	4	
Date	Home task for the week	

	IV. DIAKT	
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
SEM. SI	They listen the lesson carefully	
SEM-IV	They note down the class noter	
	3 ()	Prociped 11-23
SEM-VI	They are very much serious in the class.	
SEM-III	The lister die large of the	
	They listen the Usson corefully	
TL-3x	They are very correfull in the class	Boon X 11-1
SEM-Q	They listen the lesson very corefully.	Principal Under Computer Muhaidhains
xE-1P	They do the practical very carefully and correctly.	

Date week ending	FORECAST	Amount Taught
	Characteristics of ionic bonding oith proper explanation.	1P
	Electronic configuration and oxidation states of 3d elements	38
17/11/23	Rith explanation and example.	qt
	derivation of Born-Lande equation.	16
	Redox property of 3d elements and complex formation tendence of 3d elements.	JP (
	Edimation of Fe2+ by Kzcz, of	2.P
		ani de be
Date	Home task for the week	

Tv. DIARY

Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
s£M- <u>îi</u>	They note down the class notes	
SEM-D	They note down the class no ten.	
Gef-1T	They note down two class no ten.	
		Storon_ Principal 2 12 2
₹ 6₩∭	They listen the lesson and note down the class notes.	Magherha Computer Abbanishna
		les s
SEM-D	They note down the class notes.	
linor-JP (Hadh)	They do the practical correfully and correctly	
	J	

Date week ending	FORECAST	Amount Taught
	Ome question-answers on lattice	1P
09/0/23	Introduction and oxidation	1P
	Concept of Conjugate acid and Prove	1P 11 00
tarinti 		28
	Concept of hydration energy and enfonction of some qualion and answer on it.	1p
11/12/23 — 16/12/23	Redox and complexing property of 4d elements.	JP
	1 ewis - themy of acid - Pose.	1P land)
	Felimation of no of engelal who in Mohr salt.	<u>2</u> P
Date	Home task for the week	

	IV. DIAKI	
Class and Subject	Notes and observation by the teacher	Remarks by Principal or HOD
SEM- WI	They answer the questions	
	correctly.	100
SEM-V	The mode large the day of	
	They note down the class notes.	
11.		Borne q. 12
Hinor-17	They are very active in class.	Magheria Gampahan Makawidyabay
Minor-1P (Nutrition)	They do the practical correfully.	10.1
-0 ~	0 ~ 0 ~ 0 ~ 0 ~	-0
	1,0	~~~~~
SEM-II	They listen the class careefully.	r region
	0	0.00
S₽4 - \$\overline{\sigma}	They do to down the class notes.	Principal 1612-1
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Vighera Cargania Medical Sales
Minor-1T	They note down the class notes.	
Minor-1P	They do the practical correfully	
(Hath)		

Date week ending	FORECAST	Amount Taught
	concept of Radius ratio and	1p (
	determination of it for C.N 2 and 3	
	Brapt of acid-Boso: Arhenius	1p
	Theory	,
S. S	The second ton and electronal con-	10
102/23	liguration of 5d elements.	
25/10/23	Determination of radius ratio	10
	Concept of hazed and soft acid and Base.	1p 100
	Edimation of exalic acid by litrating a with Kung	2p
Date	Home task for the week	

'Ív. DIARY

IV. DIAINI		
Notes and observation by the teacher	Remarks by Principal or HOD	
They note down the class notes		
They listen the loson Carefully.		
They note down the class notes.		
They do it correctly	Principal 1)	
They listen the lesson attentively	, F.	
They do the pronotical correctly	•	
	Notes and observation by the teacher They note down the class notes They listen the lasson (arcefully. They note down the class notes. They do it correctly. They do it correctly.	

Date week coding	FORECAST	Amount Taught
	Determination of radius radio	1b
01/01/24	fer (e ordination number o.	
-06/01/24	Hand-soft acid Base principle and its application	1P
	Estimation of oxalic acid by literating it with KMng	2p
	~~~~~~~~	· ~ ~ ~
Single Anna	Application of radius ratio Rule.	18
	Concept of oxidation states	1P
08/01/24	and determination of it.	
- 13/01/29		
	Concept of polorisation and introduction of Fajon's Pule	1P (1990)
	felimation of oxalic acid by	
	litrating it with Kunoq	
Date	Home task for the week	
	1	

IV. DIAKI	
Notes and observation by the teacher	Remarks by Principal or HOD
They note down the class notes Carafully.	
They listen the loss attentively.	Zermon 6:1
They do the practice? cornetty	Magheria Gampahan Makawaya
~ ~ ~ ~ ~ ~ ~ ~ ~	~~~~
They are very much series	
They note obsor the class notes.	Soriem 11.2
	Mogheria Gergaduz Mahavidyalay
They are very much active in	
They do the practical correctly	
9	
	They note down the class notes Carafully.  They listen the loss attentively.  They do the practical correctly.  They are very much series