

SYLLABUS 2022-23

SUBJECT- Chemistry

CLASS -12(Science)

TERM I

MONTH	TEXT BOOK - TOPIC	E LIBRARY TOPIC	ACTIVITY PROJECT/READING/A SL
APRIL	Chapter 1-Solution	Raoult's law of volatile and non-volatile solute	Project on colligative properties
MAY	Chapter 9- Coordination compound	Stereoisomerism, Structural isomerism	Practical based on Potash alum crystallization
JULY	Chapter 4- Chemical kinetics, Chapter 10- Haloalkanes and Haloarenes,	Different types of order of reaction	To study different types of rate of reaction.
AUGUST	Chapter 3- Electrochemistry Chapter 13- Amines	Preparation of amines	To identify the functional group(amine)
SEPTEMBER	Chapter 8- D and f block elements	lanthanoids and actinoids	Titration of KMnO_4

TERM II

OCTOBER	Chapter 14- Bio-molecules Chapter 11- Alcohol, Phenol and Ether	Reducing and non- Reducing sugar	Test for protein, fat, carbohydrate
NOVEMBER	Chapter 12- Aldehyde, ketone and carboxylic acid	Chemical reactivity of functional group	Test for functional group
DECEMBER	Revision of solution, Chemical kinetics, Coordination compounds	Double salt, Molecularity	Test for Alcohol
JANUARY	Revision of D and F block elements, Haloalkanes and Haloarenes	Revision of D and F block elements, Haloalkanes and Haloarenes	Oxalic acid titration against KMnO_4

FEBRUARY	Revision of Electrochemistry, Organic chemistry	Organic chemistry	Project report on food adulteration