LESSON PLAN

-Rutherford's atomic modelEquivalent weight of acid, bases and saltsconcept of arrhenius theory with examplesBohr's atomic model -Molarity and Normality with numericalsLowry Bronsted theory with examples. Bohr and Bury Scheme and AUFBAU'S PrincipleMolality with examples -LEWIS theory for Acid and Base with examplesHund's rule with examplesImportance of ph in industryNeutralization.	-Rutherford's at -Equivalent wei, -concept of arrh -Bohr's atomic -Molarity and N -Lowry Bronste Bohr and Bury -Molality with expension -Hund's rule with -Importance of -Neutralization. 4" -Electronic cont -Ph of solutions - Definition and
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-Rusting of iron and water line corrosionHardness, types of hardness.	-Corrosion and its typesWater treatment: sources of water,hard and soft water.	-Note checking and numericals.	-Class note correction.	-Electroplating (zinc plating).	-Faraday's laws of electrolysisNumericals on faraday's laws.	Electrolysis of molten NACL and Aqueous NACLNumericals.	-Electrolysis(principle) -Numericals.	-Electrochemistry: definition of electrolytes, their types, non electrolytes with examples.	-Coordinate bond:definition with examplesNumericals.	-Covalent bond: definition with examplesComplex and Mixed salts with examples.	-lonic bond:definition,examplesBasic and Double salts with examples.	-Chemical bonding, definition, cause of bonding -Normal and Acidic salts with examples.	-Numericals.	-Correction of class note -clearing of doubts.	-Numericals		

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-Definition of monomer, homo- nolvmer co-nolvmer	-Polymers.	-Numericals and class note correction.	-Revision.	-Froth floatation and Leaching methods of ore concentrationClass note checking and discussion of questions .	Magnetic separation of ore concentration. -LPG, CNG and Coal gas.	-Gravity separation and	-Metallurgical operationsProducer gas and water gas.	-Uses and composition of diesel, petrol and kerosene.	-Metallurgy: minerals, ores with examples.	-Difference between aliphatic and aromatic hydrocarbons,uses of common aromatic compounds. -Fuel: definition, classification.	-Aromatic hydrocarbons and Huckel's ruleNumericals.	-Revision.	-Rules for writing the structural formula from IUPAC names, bond line notationPurpose of lubrication.	-Rules for IUPAC system of nomenclature for alkenes and alkynes. -Lubricants: definition and types, uses.	-Organic ion exchange method.	-Rules for iupac system of nomenclature for alkanes, alcohols, alkyl halides.	-Hydrocarbons: definitions,general formula, examplesAdvantages of hot lime over cold lime process.	-Protection from corrosion by alloying and galvanisation. -Removal of hardness by lime soda method.

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-Discussion of possible questions for semester exam.	-Numericals and revision.	-Bio fertilizers.	-Note correction.	-Revision.	-Examples and uses of herbicides and fungicides.	-Revision.	-Uses and examples of insecticides.	-Advantages of vulcanized rubber over raw rubber.	-Vulcanisation of rubber.	-Drawbacks of natural rubber.	of assignments.	-Alloys and types with examples. -Elastomers.		-Smelting,flux,slag with definitions and examplescomposition and uses of Bakelite.	-Calcination and roasting.	-Composition and uses of polythene.	-Revision.	-Thermosetting, thermoplastic.	-Degree of polymerization.

Signature of faculty

Signature of HOD