Discipline:Chemical	Semester: 5th	NameoftheTeachingFaculty: M Srinivasan
Subject:Theory-2	NoofDays	g. acan, acan
	perweek	NoofWeeks:15
MassTransfer-2	classallo	
Week	tted:4	The any /Drastical Tania
1 st	Class days	Theory/PracticalTopic Chapter 14 Junidification and Debuggidification
130	1"	Chapter–1:HumidificationandDehumidification Introductionabouthumidificationanddehumidification
	2 nd	Definetemperature, wetbulbtemperature and dry bulbtemperature
	3 rd	Theprincipleofwetblubtemperaturetheory
	4 th	
and	1 st	Illustratehumiditychart
2 nd	2 nd	DifferentmethodsofmeasurementofHumidity
	Ziid	Practicetoidentifydifferentlines,temperatures, humidityinhumiditychart
	3 rd	Differentmethodsof humidification
	4 th	Differentmethodsofdehumidification
3 rd	1 st	Theconstructionandworkingofnaturalcoolingtower
J	2 nd	Theconstructionandworkingomaturalcoolingtower Theconstructionandworkingofmechanicaldraftcoolingtower
	3 rd	Solvesimpleproblems
	4 th	• •
a+h		Revisionof thechapter
4 th	1 st	Doubtclearingandpracticingclass
	2 nd	Chapter–2:Drying
	ard	Introductionto drying
	3 rd	TypesofMoisturecontent-equilibrium, unbound,freemoisture
	4 th	Showingdifferenttypesofmoisturecontentinthegraph
5 th	1 st	Conceptofdryingratewithgraphicalview
	2 nd	Practicingnumerical
	3 rd	Themethodsof removingliquidsfromsolids
	4 th	Illustrateconstantrateandfallingrateperiod
6^{th}	1 st	Theconstructionandworkingprincipleoftraydryer
	2 nd	Theconstructionandworkingprincipleofrotary dryer,spraydryer
	3 rd	Theconstructionandworkingprincipleoftunneldryer,flashdryer
	4 th	Theconstructionandworkingprincipleofdryerfluidizedbeddryer
7 th	1 st	Dryerforheatsensitivematerials
	2 nd	Solvesimpleproblem
	3 rd	Solvesimpleproblem
	4 th	Revisionof thechapter
8 th	1 st	Practicingpreviousyearquestions
	2 nd	Chapter–3:Extraction
		Introductionto extraction
	3 rd	Liquidextractionandleaching
	4 th	Differenttypesofextraction
9 th	1 st	Learningconcentrationonthe triangulardiagram
	2 nd	Theprincipleofsolidliquidextraction
	3 rd	Revisionof thechapter
	4 th	DefineBatch leachingwithexample
10 th	1 st	Continuousleachingoperation
	2 nd	ConstructionandworkingofSolid-Liquidextractionequipment

	ard	
	3 rd	ConstructionandworkingofSolid-Liquidextractionequipment
	4 th	Theprincipalof liquid-liquidextraction
11 th	1 st	Theparameterinchoiceofsolventfor liquid-liquidextraction
	2 nd	Revisionanddoubt clearingclass aboutthechapter
	3 rd	Practice questionsbasedonthe chapter
	4 th	Constructionandworkingprincipleofliquid-liquidextractionequipment
12 th	1 st	Constructionandworkingprincipleofsolidliquidextractionequipment
	2 nd	Solvesimpleproblems
	3 rd	Solvesimpleproblems
	4 th	Chapter-4:Crystallization
		Introductiontocrystallization
13 th	1 st	Principleofcrystallization
	2 nd	Constructionandworkingofdifferenttypesofbatchcrystallizer
	3 rd	Constructionandworkingofdifferenttypesofcontinuouscrystallizer
	4 th	Solvesimpleproblems
14 th	1 st	Solvesimpleproblems
	2 nd	Practicepreviousyearsquestionrelatedtothechapter
	3 rd	Revisionof thechapter-1
	4 th	Revisionof thechapter-2
15 th	1 st	Revisionof thechapter-3
	2 nd	Revisionof thechapter-4
	3 rd	Practicepreviousyearquestions
	4 th	Practicepreviousyearsquestions