

RAGHU COLLEGE OF PHARMACY

(Approved by A.I.C.T.E PCI New Delhi & Affiliated to Andhra University)

Visakhapatnam, Dakkamari, Bheemunipatnam (Mandalam), Visakhapatnam-531162

COURSEPLAN - One copy has to be submitted to HOD one week before commencementof Semester

Subject code	Name of the subject	Class/Semester	Section	Name of the faculty	Number of Students
BP 108P	Pharmaceutical Inorganic Chemistry	I/IV B. Pharmacy II Semester	A	N.S.N.Tejaswini	55

PRACTICAL		REQUIREMENT	MODE OF	DATE OF	DATE OF
NUMBER	THE PRACTICAL		TEACHING	BATCH I	BATCH I
P1	Limit test for Chlorides		CHALK &	08-12-2023	12-12-2023
		cylinder, glass rod, test	TALK		
	and the second	tube stand, MgSO ₄ , AgNo ₃ , Nitric acid,			
:		distilled water			
P2	Limit test for Sulphates	,	CHALK &	15-12-2023	19-12-2023
		cylinder, glass rod, test	TALK		y'
	•	tube stand, BaCl ₂ , K2SO4, alcohol,			
	1,1	distilled water		,	
P3	Limit test for Sulphates	Beakers, Nessler's	CHALK &	22-12-2023	26-12-2023
	(Modified)	cylinder, glass rod, test	TALK		
!		tube stand, BaCl ₂ ,			1
		K2SO4, KMnO4, alcohol, distilled water			
P4	Limit test for Chlorides	Beakers, Nessler's	CHALK &	20.12.2022	00 01 000
	(Modified)	cylinder, glass rod, test	TALK &	29-12-2023	02-01-2024
	(Modified)	tube stand, MgSO ₄ ,	TALK		
,		AgNo ₃ , Nitric acid,			
		KMnO ₄ , distilled water			
P5	Limit test for Iron	Beakers, Nessler's	CHAIR	05.01.0004	00.01.01
		cylinder, glass rod, test	CHALK & TALK	05-01-2024	09-01-2024
	2014	tube stand, citric acid,	TALK		
	•	thioglycollic acid,		•	
P6	Limit tost for Hos	ammonia			
	Limit test for Heavy	Beakers, Nessler's	CHALK &	12-01-2024	23-01-2024
	metals	cylinder, glass rod, test tube stand, acetic acid,	TALK		

		ammonia, hydrogen sulphide, KCN, NaOH			
P7	Limit test for Lead	Beakers, Nessler's cylinder, glass rod, test tube stand, lead, dithiazone, CHCl ₃ , ammonium citrate	CHALK & TALK	19-01-2024	30-01-2024
P8	Limit test for Arsenic	Beakers, Nessler's cylinder, glass rod, test tube stand, HgCl ₂ paper, arsenic trioxide, lead acetate.	CHALK & TALK	02-02-2024	06-02-2024
P9	Identification test for magnesium hydroxide	Test tubes, Beakers, glass rod, test tube stand, MgOH ₂ , ammonia, diphenyl carbazide, NaOH	CHALK & TALK	09-02-2024	13-02-2024
P10	Identification test for ferrous sulphate	Test tubes, Beakers, glass rod, test tube stand, alcohol, BaCl ₂ , NaOH, H ₂ SO ₄ , iodine	CHALK & TALK	16-02-2024	20-02-2024
P11	Identification of sodium carbonate	Test tubes, Beakers, glass rod, test tube stand, NaHCO ₃ , HCl, H ₂ SO ₄ , lime water.	CHALK & TALK	23-02-2024	27-02-2024
P12	Identification of copper sulphate	Test tubes, Beakers, glass rod, test tube stand, CuSO ₄ , HCL, KCN, SnCl ₂	CHALK & TALK	23-02-2024	05-03-2024
P13	Identification of calcium gluconate	Test tubes, Beakers, glass rod, test tube stand, acetic acid, ammonium oxalate, NaOH, HCl	CHALK & TALK	01-03-2024	12-03-202
P14	Swelling power of Bentonite	Glass stoppered cylinder, spatula, bentonite, water.	CHALK & TALK	15-03-2024	19-03-202
P15	Neutralizing capacity of aluminium hydroxide gel	Burette, conical flask, beaker, aluminum hydroxide gel, HCl, NaOH, bromophenol blue.	CHALK & TALK	22-03-2024	26-03-202

P16	Determination of	Beakers spotule 1			
	potassium iodate and	Beakers, spatula, glass	CHALK &	05-04-2024	02-04-2024
	iodine in potassium	rods, KI, KIO ₃ , H ₂ SO ₄ ,	TALK		
	iodide	$Na_2S_2O_3$			ign 1
P17	Preparation of boric acid	Reaker manage			
	10.10	incasuring	CHALK &	12-04-2024	16-04-2024
		cylinder, glass rod,	TALK		
	7	funnel, borax, H ₂ SO ₄ ,			
P18	Preparation of alum	Beaker, measuring	CHALK &	19-04-2024	23-04-2024
		cylinder, glass rod,	TALK		
		funnel, K ₂ SO ₄ , potash			
		alum			
P19	Preparation of ferrous	Beaker, measuring	CHALK &	26-04-2024	30-04-2024
	sulphate	cylinder, glass rod,	TALK		7
		funnel, filter paper iron			
		fillings, H ₂ SO ₄			

N. Tejasoin! Signature of Faculty

Tagadesh Rudu. Signature of Principal

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COURSEPLAN - One copy has to be submitted to HOD one week before commencement of Semester

Subject code	Name of the subject	Class/Semester	Section	Name of the faculty	Number of Students
BP 108P	Pharmaceutical Inorganic Chemistry	I/IV B. Pharmacy	В	N.S.N.Tejaswini	55
		II Semester	,		

PRACTICAL	NAME OF	REQUIREMENT	MODE OF	DATE OF	DATE OF
NUMBER	THE		TEACHING	BATCH I	ВАТСН П
	PRACTICAL				7111 011 11
P1	Limit test for Chlorides	Beakers, Nessler's	CHALK &	12-12-2023	07-12-2023
		cylinder, glass rod, test	TALK		
		tube stand, MgSO ₄ ,			
		AgNo ₃ , Nitric acid,		and the second	
	the metal	distilled water			
P2	Limit test for Sulphates		CHALK &	19-12-2023	14-12-2023
	ļ ·	cylinder, glass rod, test	TALK		
	Name :	tube stand, BaCl ₂ ,		17	
		K2SO4, alcohol,			2.1
· .		distilled water			
P3	Limit test for Sulphates	Beakers, Nessler's	CHALK &	26-12-2023	21-12-2023
	(Modified)	cylinder, glass rod, test	TALK		
		tube stand, BaCl ₂ ,			
		K2SO4, KMnO4,			
. D4	7	alcohol, distilled water			
P4	Limit test for Chlorides	Beakers, Nessler's	CHALK &	02-01-2024	28-12-2023
	(Modified)	cylinder, glass rod, test	TALK		
		tube stand, MgSO ₄ ,			
·	-1	AgNo ₃ , Nitric acid,			
		KMnO ₄ , distilled water	1.75		•
P5	Limit test for Iron	Beakers, Nessler's	CHALK &	09-01-2024	04-01-2024
	, ,	cylinder, glass rod, test	TALK	09-01-2024	04-01-2024
		tube stand, citric acid,	TILDIC		
		thioglycollic acid,			
-		ammonia		•	à 1
P6	Limit test for Heavy	Beakers, Nessler's	CHALK &	23-01-2024	11-01-2024
	metals	cylinder, glass rod, test	TALK		
		tube stand, acetic acid,			

			ammonia, hydrogen			
-	P7	Limit to a C. T.	sulphide, KCN, NaOH			
	17	Limit test for Lead	Beakers, Nessler's	CHALK &	30-01-2024	19 01 202
			cylinder, glass rod, test	TALK	30 01-2024	18-01-2024
			tube stand, lead,		-	
	1 4 1		dithiazone, CHCl ₃ ,			
	P8	Limit test for Arsenic	ammonium citrate			
		Zimit test for Arsenic	Beakers, Nessler's	CHALK &	06-02-2024	25-01-2024
			cylinder, glass rod, test	TALK		
			tube stand, HgCl ₂ paper,			
			arsenic trioxide, lead acetate.			
	P9	Identification test for	Test tubes, Beakers,	CHALLO	10.00	
		magnesium hydroxide	glass rod, test tube	CHALK & TALK	13-02-2024	01-02-2024
		, and an arrange (stand, MgOH ₂ ,	TALK		,
			ammonia, diphenyl			
			carbazide, NaOH			
	P10	Identification test for	Test tubes, Beakers,	CHALK &	20-02-2024	15-02-2024
		ferrous sulphate	glass rod, test tube	TALK	20 02 2024	13-02-202-
			stand, alcohol, BaCl ₂ ,			
	Dii	X1 10 1	NaOH, H ₂ SO ₄ , iodine	Bed.	1911	
	P11	Identification of sodium	, z cuntors,	CHALK &	27-02-2024	22-02-2024
		carbonate	glass rod, test tube	TALK		
			stand, NaHCO ₃ , HCl, H ₂ SO ₄ , lime water.			-
	P12	Identification of copper	Test tubes, Beakers,	CHALK	05.00	
		sulphate	glass rod, test tube	CHALK & TALK	05-03-2024	29-02-2024
		•	stand, CuSO ₄ , HCL,	111211	-	
		1	KCN, SnCl ₂			
	P13	Identification of calcium	Test tubes, Beakers,	CHALK &	12-03-2024	07-03-2024
		gluconate	glass rod, test tube	TALK	2024	07-03-2024
			stand, acetic acid,			,
			ammonium oxalate,			
	P14	Swelling power of	NaOH, HCl			
		Bentonite	Glass stoppered	CHALK &	19-03-2024	14-03-2024
		Bentomic	cylinder, spatula, bentonite, water.	TALK		4
	P15	Neutralizing capacity of	Burette, conical flask,	CHAIRA		
		aluminium hydroxide	beaker, aluminum	CHALK & TALK	26-03-2024	21-03-2024
		gel	hydroxide gel, HCl,			
			NaOH, bromophenol		·	
			blue.			

Determination of	Beakers spatule also	CTT		
	rada III III a		02-04-2024	28-03-2024
1	rods, KI, KIO ₃ , H_2SO_4 ,	TALK		20 03 2024
iodine in potassium			,	
iodide	,			
Preparation of boric acid	Beaker, measuring	CHALK &	16-04-2024	04-04-2024
	cylinder, glass rod,	TALK		01012021
	funnel, borax, H ₂ SO ₄ ,			
Preparation of alum	Beaker, measuring	CHALK &	23-04-2024	18-04-2024
	cylinder, glass rod,	TALK		
	funnel, K ₂ SO ₄ , potash			
	alum			
Preparation of ferrous	Beaker, measuring	CHALK &	30-04-2024	25-04-2024
sulphate	cylinder, glass rod,	TALK		
	funnel, filter paper iron			
	fillings, H ₂ SO ₄			
	potassium iodate and iodine in potassium iodide Preparation of boric acid Preparation of alum Preparation of ferrous	potassium iodate and iodine in potassium iodide Preparation of boric acid Preparation of alum Preparation of ferrous sulphate Potakors, spatula, glass rods, KI, KIO ₃ , H ₂ SO ₄ , Na ₂ S ₂ O ₃ Beaker, measuring cylinder, glass rod, funnel, borax, H ₂ SO ₄ , Beaker, measuring cylinder, glass rod, funnel, K ₂ SO ₄ , potash alum Beaker, measuring cylinder, glass rod, funnel, filter paper iron	potassium iodate and iodine in potassium iodide Preparation of boric acid Preparation of alum Preparation of ferrous sulphate Preparation of ferrous sulphate Potakors, spatula, glass rods, KI, KIO ₃ , H ₂ SO ₄ , Na ₂ S ₂ O ₃ Preparation, KI, KIO ₃ , H ₂ SO ₄ , Na ₂ S ₂ O ₃ CHALK & TALK TALK	potassium iodate and iodine in potassium iodide Preparation of boric acid Preparation of alum Preparation of alum Preparation of ferrous sulphate Preparation of ferrous sulphate Podators, spatula, glass rod, KI, KIO ₃ , H ₂ SO ₄ , Na ₂ S ₂ O ₃ CHALK & TALK TALK TALK O2-04-2024 TALK TALK TALK O2-04-2024 TALK TALK

N. lejaswim Signature of Faculty

Signature of Principal