



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 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 II Semester	A	N.S.N.Tejaswini	55

PRACTICAL NUMBER	NAME OF THE PRACTICAL	REQUIREMENT	MODE OF TEACHING	DATE OF BATCH I	DATE OF BATCH II
P1	Limit test for Chlorides	Beakers, Nessler's cylinder, glass rod, test tube stand, MgSO ₄ , AgNO ₃ , Nitric acid, distilled water	CHALK & TALK	08-12-2023	12-12-2023
P2	Limit test for Sulphates	Beakers, Nessler's cylinder, glass rod, test tube stand, BaCl ₂ , K ₂ SO ₄ , alcohol, distilled water	CHALK & TALK	15-12-2023	19-12-2023
P3	Limit test for Sulphates (Modified)	Beakers, Nessler's cylinder, glass rod, test tube stand, BaCl ₂ , K ₂ SO ₄ , KMnO ₄ , alcohol, distilled water	CHALK & TALK	22-12-2023	26-12-2023
P4	Limit test for Chlorides (Modified)	Beakers, Nessler's cylinder, glass rod, test tube stand, MgSO ₄ , AgNO ₃ , Nitric acid, KMnO ₄ , distilled water	CHALK & TALK	29-12-2023	02-01-2024
P5	Limit test for Iron	Beakers, Nessler's cylinder, glass rod, test tube stand, citric acid, thioglycollic acid, ammonia	CHALK & TALK	05-01-2024	09-01-2024
P6	Limit test for Heavy metals	Beakers, Nessler's cylinder, glass rod, test tube stand, acetic acid,	CHALK & TALK	12-01-2024	23-01-2024

		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_2SO_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_2SO_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	12-03-2024
P14	Swelling power of Bentonite	Glass stoppered cylinder, spatula, bentonite, water.	CHALK & TALK	15-03-2024	19-03-2024
P15	Neutralizing capacity of aluminium hydroxide gel	Burette, conical flask, beaker, aluminum hydroxide gel, HCl, NaOH, bromophenol blue.	CHALK & TALK	22-03-2024	26-03-2024

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

N. Rejaswini

Signature of Faculty

Jaganath Reddy

Signature of Principal





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P2	Limit test for Sulphates	Beakers, Nessler's cylinder, glass rod, test tube stand, BaCl ₂ , K ₂ SO ₄ , alcohol, distilled water	CHALK & TALK	19-12-2023	14-12-2023
P3	Limit test for Sulphates (Modified)	Beakers, Nessler's cylinder, glass rod, test tube stand, BaCl ₂ , K ₂ SO ₄ , KMnO ₄ , alcohol, distilled water	CHALK & TALK	26-12-2023	21-12-2023
P4	Limit test for Chlorides (Modified)	Beakers, Nessler's cylinder, glass rod, test tube stand, MgSO ₄ , AgNO ₃ , Nitric acid, KMnO ₄ , distilled water	CHALK & TALK	02-01-2024	28-12-2023
P5	Limit test for Iron	Beakers, Nessler's cylinder, glass rod, test tube stand, citric acid, thioglycollic acid, ammonia	CHALK & TALK	09-01-2024	04-01-2024
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P19	Preparation of ferrous sulphate	Beaker, measuring cylinder, glass rod, funnel, filter paper iron fillings, H ₂ SO ₄	CHALK & TALK	30-04-2024	25-04-2024

N. Rejashwini
Signature of Faculty

Prakash Singh
Signature of Principal