

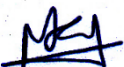
Koyana Education Society's
Balasaheb Desai College, Patan
Department of Chemistry
Monthly Teaching Plan-Year-2023-2024
July – 2023 Semester – III & V

Name of the Teacher- Prof. Dr. M. R. Kadam

Dates	Unit	Sub unit	Teaching Method and Aids
B.Sc.-II Theory			Teaching method Lecture, Inductive Deductive Discussion Teaching Aids Computer LCD PPT Google Classroom YouTube
06/07/2023	Unit I: Gravimetric Analysis	Introduction	
12/07/2023		Gravimetric analysis by precipitation: nucleation, crystal growth	
13/07/2023		Digestion/ageing, filtration, drying, ignition, weighing,	
19/07/2023		Optimum condition for good precipitation, Physical nature of precipitate,	
20/07/2023		Purity of precipitate: co-precipitation, post-precipitation	
26/07/2023			
27/07/2023		Organic precipitates and their applications	
B.Sc.-III Theory			
10/07/2023	Unit 1. Theory of Gravimetric Analysis	Introduction, Gravimetric analysis by precipitation	
11/07/2023		Nucleation, crystal growth	
18/07/2023		Digestion/ageing, filtration, drying, ignition, weighing.	
19/07/2023		Optimum conditions for good precipitation. Physical nature of precipitate.	
24/07/2023		Purity of precipitate: co-precipitation, post-precipitation	
25/07/2023		Organic precipitants and their applications	
B.Sc.-III Practical			
11/07/2023	Inorganic Chemistry	Gravimetric estimation of iron as ferric oxide (Fe ₂ O ₃) from the given solution containing ferrous ammonium sulphate, copper sulphate and free Sulphuric acid.	
14/07/2023			
18/07/2023			
21/07/2023		Preparation of potassium trioxalato aluminate (III).	
25/07/2023		Preparation of Tetra ammine copper (II) chloride.	
28/07/2023			
B.Sc.-I Practical			
12/07/2023	Chemistry	Information and handling of apparatus available in laboratory	
19/07/2023	Inorganic Chemistry	Estimation of amount of Acetic acid from the given vinegar sample by titrimetric method	
26/07/2023		Quality control-To determine percentage purity of the given sample of soda ash (Na ₂ CO ₃) by titrimetric method.	

B.Sc.-II Practical			Laboratory
14/07/2023	Inorganic Chemistry	Gravimetric estimation of iron as Fe_2O_3 from a solution containing Ferrous ammonium sulphate and free Sulphuric acid.	Equipment
21/07/2023		Preparations of sodium cuprous thiosulphate	
28/07/2023		Preparation of tetramine copper (II) sulphate.	

Class	No. of periods / Lectures					Action Taken
	Planned	Missed	Extra taken	Actual taken	Syllabus Remaining	
B. Sc. I	12	0	0	12	00 Lecture	Completed as per plan
B. Sc. II	19	0	0	19	00 Lecture	
B. Sc. III	36	2	2	36	00 Lecture	


 Dr. M.R. Kadam


PRINCIPAL
 Balasaheb Desai Collage
 Patan, Dist: Satara