


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

Name of the Teacher- Prof.Dr.V.A.Kalantre

Dates	Unit	Sub unit	Teaching Method Aids
B.Sc.-II			
04/07/2023	Unit 1: Electrolytic Conductivity	1.1 Introduction, Migration of ions.	Inductive & Deductive
10/07/2023		1.2 Hittorf's rule	Lecture
11/07/2023		Transference number, determination of transport number using Hittorf's method	Lecture with using ICT
17/07/2023		moving boundary method	Lecture with using ICT
18/07/2023		factors affecting transport number: nature of electrolyte, concentration, temperature, complex formation and degree of hydration.	Lecture
24/07/2023		1.3 Kohlrausch law of independent migration of ions and its applications such as relations between ionic conductance, ionic mobility and transport number.	Lecture
25/07/2023		determination of equivalent conductance at infinite dilution of weak electrolytes	Lecture


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