



Name of the staff: Dr M N Manjunath, Srinivas D, Chandrashekhar K N, Vinutha H R, Bindus

Subject: Engg Chemistry Lab

Sub code: 21CHEL16/26

Semester: I/II

Course Outcomes:

At the end of the course students will be able to:

CO1	Determine the pKa and coefficient of Viscosity of a given organic liquid.
CO2	Estimate the amount of substance present in the given solution using Potentiometer Conductometric and Colorimetric analysis
CO3	Determine the total hardness and chemical oxygen demand in the given water sample by volumetric analysis method
CO4	Determine the percentage of CaO, copper, and Iron in the given analyte solution by titration method.
CO5	Demonstrate flame photometric estimation of sodium & potassium and the synthesis of nanomaterials by Precipitation method.

CO-PO Mapping													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
CO1	3	1	-	-	-	-	-	-	1	-	-	-	-
CO2	3	1	-	-	-	-	-	-	1	-	-	-	-
CO3	3	1	-	-	-	-	-	-	1	-	-	-	-
CO4	3	1	-	-	-	-	-	-	1	-	-	-	-
CO5	3	1	-	-	-	-	-	-	1	-	-	-	-
AVG	3	1	-	-	-	-	-	-	1	-	-	-	-

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