

Subject Code: BP705P	Subject Title: INSTRUMENTAL METHODS OF ANALYSIS -PRACTICAL
Pre-requisite Subject	- NONE -

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)		
Lecture	Tutorial	Practical	Credit	Practical(P)		Total Marks
				University Assessment	Continuous Assessment	Practical
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INSTRUMENTAL METHODS OF ANALYSIS (Practical) 4 Hours/Week

- 1) Determination of absorption maxima and effect of solvents on absorption maxima of organic compounds
- 2) Estimation of dextrose by colorimetry
- 3) Estimation of sulfanilamide by colorimetry
- 4) Simultaneous estimation of ibuprofen and paracetamol by UV spectroscopy
- 5) Assay of paracetamol by UV- Spectrophotometry
- 6) Estimation of quinine sulfate by fluorimetry
- 7) Study of quenching of fluorescence
- 8) Determination of sodium by flame photometry
- 9) Determination of potassium by flame photometry
- 10) Determination of chlorides and sulphates by nephelo turbidometry
- 11) Separation of amino acids by paper chromatography
- 12) Separation of sugars by thin layer chromatography
- 13) Separation of plant pigments by column chromatography
- 14) Demonstration experiment on HPLC
- 15) Demonstration experiment on Gas Chromatography