

ANALYTICAL CHEMISTRY (BS-ADP 8thSemester)

Module Code:	Chem-469
Module title:	Analytical Chemistry Lab - III
Name of Scheme:	BS-ADP 8th Semester
Department:	School of Chemistry
Faculty:	Science
Module Type:	Compulsory
Module Rating:	1 credit

OBJECTIVES:

The students will be able to analyse various samples by Thermal analysis methods.

SYLLABUS OUTLINE:

- Thermogravimetric analysis of calcium oxalate
- TG and DTG analysis of polymer gels
- TG and DTG analysis of polythene
- Determination of thermal stability of a given compound
- Determination of carbon black content in epoxy sample
- DTA analysis of biomass/plant materials
- Determination of purity/melting point of benzoic acid/oxalic acid/naphthalene

RECOMMENDED BOOKS:

1. Vogels, text book of Quantitative chemical analysis by J.mendham, RCDenny, JDBarnes, MJ KTHomas, Pearson education Ltd.