CONTENTS

CHAPTER-I
➤ Introduction and Literature Survey
  (IA) Coumarin and Its Derivatives 1
  (IB) Triazine and Its Derivatives 16
➤ References 24

CHAPTER-II
➤ Experimental
  (IIA) Synthesis of Coumarin Derivatives 35
  (IIB) Coupling of 7-hydroxy-8-aceto coumarin hydrazone with 1,3,5, trichloro s-triazine and with amine Derivatives. 40
  (IIC) Preparation of Metal Chelates 51
➤ References 59

CHAPTER-III
➤ Spectral Analysis
  (IIIA) UV Spectra 60
  (IIIB) I.R. Spectra 78
  (IIIC) NMR Spectra 105

CHAPTER-IV
➤ Analytical Study
  (IVA) Molecular Weight Determination by Rast’s Method 114
  (IVB) Job’s Method of Continuous Variation 116
  (IVC) Magnetic Susceptibility 131
➤ References 144

CHAPTER-V
➤ Antibacterial and Antifungal Activity 146
➤ References 161
SUMMARY/CONCLUSION 162
ABSTRACT 168
STATEMENT 170