GENERAL REMARKS

1. All charts, schemes, tables, structures, figures and reference numbers in the chapter, refer to that particular chapter only.

2. All melting and boiling points were recorded in degree celsius and are uncorrected.

3. Petroleum ether refers to the fraction boiling between the range 60-80°C.

4. Ether refers to diethyl ether.

5. Silica gel used for column chromatography was of 60-120 mesh size.

6. Thin layer chromatography was done on glass plates coated with TLC grade silica gel with 13% CaSO₄ as binder. Visualization of the plates were done by developing the plates in I₂ chamber, unless otherwise stated.

7. IR spectra were recorded on FTIR-8101A Shimadzu spectrophotometer.

8. Spectral data on the compounds were obtained through the courtesy of various institutions. No details of individuals are therefore given. These have been suitably acknowledged.

9. The chemical shift parameters in the ¹H and ¹³C NMR spectra are expressed in δ ppm, with TMS as the internal standard. IR absorption bands are expressed in cm⁻¹. UV absorption signals are expressed in nm.

10. The ¹H NMR spectra presented are obtained in normal form and the J values reported are of the resolved form.

11. All known compounds were identified by direct comparison of spectral data and physical constants reported in literature. Molecular formulae of the compound were assigned on the basis of the molecular weight as obtained by mass spectrometry or elemental analysis.