P R E F A C E

This dissertation consists of three chapters. The first chapter is introductory which is devoted to the historical survey of literature pertaining to Integral Transforms. In chapter two we have discussed numerical evaluation of Laplace and inverse Laplace transform. In chapter three numerical evaluation of inverse Mellin transform is discussed for computer implementation, we have used pascal programming.

The conventional triple numbering system is used in the dissertation. For example (2.8.3) means third equation in section 2.8. References to the literature that have been used in this work are given in full at the end of each chapter and they are arranged in the alphabetical order. In the text, these have been referred to, by putting within rectangular brackets the serial number of the reference and where-so-ever necessary.