

**Ph.D. Level courses**

**MA857                      Integral transform and Distribution Theory                      4 0 0 4**

Unit1: Countably multi normed spaces, Countable Union spaces and their duals

Unit 2: Distributions and generalized functions

Unit3: Two sided Lapalce Transformation Text

Book:

1. Amen Zemanian, Generalized Integral Transormations, Inderscience Publications, New York (1968). (Chpater 1,2,3)  
(Chapter 6, 7, 8, 9)
  2. R.S. Pathak, Integral transforms of generalized functions, Taylor and Francis 1997
  3. Ram P Kanwal, Generalized Functions Theory and applications, Springer Science, Newyork, 2004.
3. Introduction to Graph Theory, Douglas B. West, 2nd Ed.