MA 8151 FUZZY GRAPH THEORY AND APPLICATIONS

(Pre-requisite: Nil)
Total hours: 56

Module I: (10 hours)

Module II: (11 hours)
Connectivity in Fuzzy Graphs- Bridges and cut nodes – bonds -Trees and cycles - end nodes – blocks – node connectivity and arc connectivity – fuzzy analogue of Whitney’s theorem-Connectedness level, Cyclomatic number, Acyclic level, cut sets, chords, Co trees, Twigs, Cycle set and cocycle set.

Module III: (11 hours)

Module IV: (10 hours)

References: