MTH 302 ORDINARY DIFFEREQUATIONS IINTIAL E: (3Units) [L30: P 0: T 0 15]

Pre-requisite.- MTH 202.

Ordinary differential equations: linear dependence, Wronskian, reduction order, variation of parameters, series solution about ordinary and regular points. Special functions: Gamma, Beta, Bessel, Lengendre, Hyper geometric. Laplace transform and applications to initial value problems