# Department of Computer Science
## Ramakrishna Mission Vivekananda Educational Research Institute, Belur Math
Optimization for Machine Learning, BDA 2023 batch
Problem set on Constrained Optimization: KKT conditions

Chapter 4 , *Nonlinear Programming* by Sherali and Shetty.

Solve the following exercise problems:

4.1,4,3,4.5, 4.7, 4.10 a &b, 4.12, 4.14, 4.15, 4.30 b,c,d, 4.33, 4.37 (a,b), 4.38, 4.39, 4,42 a,