1143-00-321 **S. Verma*** (sadanand.verma@unlv.edu), University of Nevada Las Vegas, 4505 Mariland Parkway, Las Vegas, NV 89152. *Mjnimization via double dip Maximization.* Preliminary report.

The purpose of this paper is to extend the domain of Standard form problems in Simplex Method for Maximization and apply the method of maximization to minimization problems by double dipping. In Simplex method for Maximization for problems in standard form, the condition of requiring that the linear constraint inequality be more than or equal to a positive number is very restrictive and eliminates many problems that can be done by using the standard form algorithm. The condition of requiring a positive number can easily be changed to requiring a non-negative number. Furthermore a Minimization problem can also be done by using a maximization algorithm by what is called a double dipping. A more efficient general Algorithm for Optimization in general is also discussed in this paper. (Received August 17, 2018)