Thesis outline:

Chapter I  Introduction
Chapter II  Materials and methods
Chapter III  *In-vitro* propagation of *Withania somnifera*
Chapter IV  Alkaloids and steroids contents in explants culture
Chapter V  Comparative alkaloid production among different explants
Chapter VI  Analysis of variants produced through Tissue culture techniques
Chapter VII  Discussion
Chapter VIII  Summary
Chapter IX  References
Chapter X  Appendix