

**Name:**Deepika N.P

**Department:** Pharmacognosy and Phytopharmacy

**Contact Address:** JSS College of Pharmacy, #20,  
Rocklands, Niligiris district Udhagamandalam-  
643001, Tamilnadu, India.  
Mob:7825060509

**Email ID:**npdeepika328@gmail.com



Recent Picture

**Educational Qualification:** M. Pharm/M.Sc/M.Tech:Mpharm

**Year of Registration:** 2015

**Project Supervisors:** Dr. B. Duraiswamy, Department of Pharmacognosy and Phytopharmacy, JSS College of Pharmacy, #20, Rocklands, Niligiris district Udhagamandalam-643001, Tamilnadu, India.

**Research Abstract** (Not more than 100 words: Please work on this space creatively to brand your Portfolio)

**Evaluation of curative effect of traditional crab extract in Parkinsonism**

Parkinsonism is the second most neurodegenerative disease. In the world total 10 million people and 1 million after 60 years of age affected Parkinsonism. Based on the preliminary field survey and interaction with traditional practitioners we formulated the main aim and objective of the present study is to isolate, and characterize the peptides from the edible crab *Scylla serrata* F. For their extent of efficacy in protecting and rejuvenating destroyed dopaminergic neurons through analyzing the capability of peptide for their MOA-B and COMT inhibition action by *in vitro*. Efficacy of the finalized peptide after purification will be tested through *in-vivo* model like MPTP induced mice model. The binding efficacy of the peptide will also be carried out by *in silico* docking studies.

**Fellowships:** Govt/Non-Govt: No

**Awards & Scholarships** (Top 5 of your achievements in short bullet points): No

**Way Forward:** (Drop few line (NMT 50 words) to describe where do you position yourself in 5 years)

Industries or academic,

Mainly focusing on natural product isolation and formulation

Do not exceed one page!