

Name: **MOHAMMAD ZUBAIR BABA**

Department: Pharmaceutical chemistry

Contact Address: JSS College of Pharmacy, Ootacamund - 643001

Email ID: zubairmohd733@gmail.com



Educational Qualification: M. Pharm

Year of Registration: 01-07-2020.

Project Supervisors: Dr. S. Gomathy

Research Abstract :- Parkinson's disease (PD) results from a complex interaction of environmental and genetic influences on a background of aging. Regardless of etiology, significant clinical advances rely on identifying the common biological pathways that underpin neuronal degeneration. Oxidative stress is consistently reported as a hallmark feature of PD. Recently, it has been demonstrated that Nrf2 modulation can protect neurons from parkinsonian agents and, in some instances, reverse motor symptoms of animal models. Furthermore, baseline aberrations of Nrf2 and its associated pathway have been reported in PD patients, and genetic variability—within and around the Nrf2 gene—may modify PD susceptibility and onset. Overall, Nrf2 dysregulation has been tentatively implicated in the pathogenesis of PD and may prove to be an effective therapeutic target.

Fellowships: No fellowships

Awards & Scholarships (Top 5 of your achievements in short bullet points):

- I got 800 ranks in PGE CET.
- I received Fee reimbursement from TS Govt

Way Forward: I want to see myself as professor.