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#### **Research Abstract**

Pesticides are toxic substances that are widely used in agriculture to protect the cultivation. Though, agriculture is the backbone of Indian economy, over 3 million cases are reported for pesticide poisoning and 220,000 deaths through various diseases primarily in developing countries. Due to the ever increasing population and rapid urbanization has put constant pressure in farmers to increase productivity. Exposure to these pesticides causes neurological deficits, respiratory diseases and in extreme cases, it causes cancer and genetic diseases. Hence, the aim of the present study is to evaluate the pesticide residue content in fruits and vegetables in the hill area of Nilgiris.

**Fellowships** : Tamil Nadu Pharmaceutical Science Welfare Trust  
Fellowship in 2016-2017 (M. Pharm)

**Awards** : Received Dr. P. D. Sethi Annual Award 2017

#### **Way Forward**

As a researcher, I want to develop my skill set. At the end of the next five years, I want to position myself to become a skilful researcher in the field of analysis.