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

**Year of Registration:** Oct. 2015

**Project Supervisors:** Dr. S.P.Dhanabal- Principal & Professor

**Fellowships:** Govt/Non-Govt: Indian Council of Medical Research, New Delhi. India

**Abstract:-**

Asthma affects as many as 300 million people worldwide and is expected to increase to 400 million by 2025. Hence the current research is concurrently advancing with the discovery of potent molecules from medicinal plants. the genus *Desmodium* is well used for the treatment of various types of inflammation/COPD, however, there is no scientific data available to prove their antiasthmatic potency, hence we are using *Desmodium* species as potent bio-prospecting tools for the discovery of novel antiasthmatic leads towards asthmatic society through phytochemical and pharmacological exploration using modern phytochemical and biological screening and *in-silico* tools targeting the leukotrienes as major targets like IL-4, IL-13 and 5 Lipoxygenase which is responsible for asthma, with the help of isolation & purification techniques like chromatography and spectroscopy.

**Key words:** Bio-prospecting tools, Leukotrienes, Flavonoids, *Desmodium* and Asthma

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

*Received Internal PhD Research grant from JSS University, Mysuru. Karnataka. India ( REG/DIR (R)/ URG/54/2011-12)*

*Worked as Project Assistant in Joint collaboration project between University of Pretoria South Africa and JSS university Mysuru– Funded project by DST. Govt. of India. (Ref.No : DST/INT/SOUTHAFRICA/P/05/2014-06/2014)*

*Present position working as Senior Research Fellow (SRF) Under ICMR, New Delhi. India (Lt. No-REG/DIR (R) /URG/54/2018).*

*Received a best paper/Poster award at 1<sup>st</sup> Pharmaceutical Congress at Ramaiah University Bangalore organized by Indian Association of Colleges of Pharmacy for a better body of knowledge (Theme: Connecting Pharmaceutical Sciences and Knowledge Advancement) on 18th & 19th March, 2017. Which was entitled “Indian traditional plants as bio-prospecting tools for discovery of anticancer drugs” and received best poster place with prize of INR 10000/- in the division of Natural product / Pharmacognosy.*

**Way Forward: (Drop few line (NMT 50 words) to describe where do you position yourself in 5 years):-** May be try to get a position at overseas for Post doctoral fellowship OR may be going to settled my carrier as an academician