

Received Award “**Gandhian Young Technological Innovation-2019**” of his contribution in Biotechnological/Medical Health innovation with Title “Production of effective and low cost Dapsone-phytochemical hybrid candidate for use in Multidrug therapy against *Mycobacterium leprae*” received from Vice president of India at Rastrapati Bhawan, New Delhi, India

Leprosy continues to be the grievous public health hazard for high disability and morbidity cases with stable prevalence rates today, even treatment with dapsone (DDS) in the multidrug therapy (MDT). Owing to resistant to DDS, the disease spreads like wildfire in several countries. In this research study, Dapsone (DDS) was chemically hybridized with several monophenolic phytochemicals of which, ‘dapsone-thymol hybrid’ molecule had shown effective, after the comprehensive bioinformatics analysis before synthesis. Thereafter, shortlisted hybrids candidates were synthesized and successfully interpreted; then screened antileprosy activity by mouse-foot-pad propagation method, followed by host-toxicity testing in cultured-human-lymphocytes. Obtained results, the dapsone-thymol congener was the sought-after antileprosy drug.

Received Best Research Paper Award in Journal ‘Indian Drugs’ 2016 Title”

Biological evaluation of novel a heteroaryl/arylazo 2-naphthol analogues and the transitional metal complexes derived from 4-((2-hydroxynaphthalen-1-yl)diazonyl)-1,5-dimethyl- 2-phenyl- 1*H*-pyrazol-3(2*H*)-one” *Indian Drugs*, 53(6), **2016** & 15-24.