

## JSSAHER / DBT BUILDER Project



Mr. N. Imrankhan

JRF DBT-BUILDER

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**Education details:** Purchasing Doctor of Philosophy (PhD), JSS College of Pharmacy, Ooty

- Master of Pharmacy, JSS College of Pharmacy

### **Projects:**

- Lipid based Nanotheranostics for the management of Atherosclerosis . This Project is aimed to develop and formulate a lipid-based nano theranostics for the management and effective treatment of atherosclerosis.
- Enhancing the bioavailability of rilpivirine hydrochloride by formulating and optimizing buccal films using the design of experiment approach. The project aimed to enhance the bioavailability of Rilpivirine hydrochloride by developing and optimizing the buccal film of Rilpivirine hydrochloride and optimizing the film using the Design of Experiment.
- Sunscreen gel preparation with rosemary oil. The project aimed to develop a sunscreen gel using rosemary oil and characterize it.

### **Publications:**

- Nanotheranostics in cardiovascular diseases: a novel tool, International Journal of Applied Pharmaceutics, vol.15, Issue4 <https://doi.org/10.22159/ijap.2023v15i4.47521>
- Nagasamy Venkatesh D., et al. Dissolution Enhancement of Diacerein Using Water Soluble Carrier by Solid Dispersion Technology., Journal of Drug Delivery and Therapeutics, vol. 7, no. 5, 2017, <http://dx.doi.org/10.22270/jddt.v7i5.1503>.