

Name: Mrs. Anubha Jain

Department: Pharmaceutics

Contact Address:

20-Rocklands, JSS College of Pharmacy, Ooty .

Email ID: aj.chinu@gmail.com



Educational Qualification: M. Pharm

Year of Registration: 01/01/2018

Project Supervisors: Dr. D. Nagasamy Venkatesh

Research Abstract:

"Surface Modification of Dendrimers for Breast Cancer Targeted Drug Delivery."

Targeted delivery of anti-cancer drugs using nano-scale drug carriers such as dendrimers, which provides the therapeutic concentration of anti-cancer agent at the derived sites of action, spares normal tissue; promises reduced systemic toxicity and enhanced therapeutic efficiency. PAMAM dendrimers are used as well defined nanoparticles to conjugate or encapsulate therapeutic drugs. They represent a superior carrier platform for drug delivery because of their size, their ease of preparation and functionalization and their ability to display multiple copies of surface groups for the recognition process. Among the nano carriers in anti-cancer therapy, surface modified dendrimers have been of particular interest and importance are given the great opportunity in terms of diversity and functionality.

Fellowships: Nil

Awards & Scholarships: ---

Way Forward:

I see myself as a Research Scientist and explore my potential and knowledge in the field of formulation development. I want myself to be more matured experience and good knowledge in my work.