

Name: **KARTHIKA ANOOP**

Department: **PHARMACEUTICAL ANALYSIS (Ph.D.)**

Contact Address: **DEPARTMENT OF PHARMACEUTICAL
ANALYSIS, JSS COLLEGE OF PHARMACY,
UDHAGAMANDALAM, TAMILNADU, IN -
643001**

Email ID: **anoopkarthika74@gmail.com**



Educational Qualification: **M. Pharmacy (Pharmaceutical Analysis)**

Year of Registration: **2018**

Project Supervisors: **Dr. Krishnaveni Nagappan**

Professor and Head,

Department of Pharmaceutical Analysis,

JSS College of Pharmacy, Udhagamandalam, TN, IN - 643001

Research Abstract

The present study aims to report the bioavailability of vitamin K in selected food matrices and vitamin D in selected fortified foods which will be helpful in demonstrating the effect of food matrices concerning osteoporosis by in-vitro models. The objectives of the present study were as follows 1) To screen the dietary sources rich in vitamin K and vitamin D fortified foods for the content of these vitamins in various forms by the developed and validated analytical method. 2) To study the bioavailability of the selected dietary sources and fortified foods concerning their matrices using in-vitro and in-vivo animal models. 3) To investigate the effect of food matrices in which vitamin K and vitamin D were present concerning osteoporosis by in-vitro models.

Fellowships: Govt: Indian Council of Medical Research – Senior Research Fellowship, 2019.

Awards

1. Received **Rajanikant B Raja Gold Medal** for obtaining university highest marks in MPharm Pharmaceutical Analysis (2016-18).
2. Secured first prize in paper presentation at World Congress on Pharmaceutical Sciences, Goa dated October 05-07, 2017.

Way Forward

Looking forward to a faculty position where I can share my knowledge with students as well as I will focus on research by involving young aspirants.