Certificate

This is to certify that the contents of the thesis entitled "Nutritional status of pre and post-menopausal women of Vadodara. Metabolic and inflammatory response to supplementation of whole roasted flaxseeds in pre-menopausal overweight/obese female subjects" submitted for the degree of Doctor of Philosophy by Ms. Pooja Gaur is the record of research work carried out by her during the period from July, 2011 to May, 2018 under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate-ship, fellowship or other titles in this university or any other university or institution of higher learning.

Prof. (Dr.) Uma lyer Guide Prof. (Dr.) Meenakshi Mehan Head

Department of Foods and Nutrition Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda Vadodara, 390002-India

7th May, 2018