

CERTIFICATE

This is to certify that the thesis entitled “**Development and characterization of value added product from by-product of cereals and pulses**”, submitted to the Department of NUTRITION BIOLOGY, Central University of Haryana, India in partial fulfilment of the requirements for the award of the Degree of Doctor of Philosophy in **NUTRITION BIOLOGY**, is a record of original research work done by **MANALI CHAKRABORTY (11073)**, at the CENTRAL UNIVERSITY OF HARYANA (Mahendergarh) under my guidance. It is further certified that to the best of our knowledge the thesis has not been the basis for the award of and degree/diploma/associate ship/fellowship or similar title of any candidate of any university so far.

Dr. Savita Budhwar

(Assistant Professor)

Department of Nutrition Biology

School of Interdisciplinary and Applied Sciences

Central University of Haryana

Mahendergarh-123031

Dr. Suneel Kumar

(Professor)

Department of Physics & Astrophysics

School of Basic Sciences

Central University of Haryana

Mahendergarh-123031