

**UNIVERSITY OF NORTH BENGAL  
DEPARTMENT OF ECONOMICS**

**Dr. Kanak Kanti Bagchi**  
Professor



P.O. NORTH BENGAL UNIVERSITY,  
Raja Rammohunpur, Dist. Darjeeling,  
West Bengal, India, PIN - 734013.  
PHONE: (0353) 2776 321(O)  
(0353) 2580 178(R)  
Fax: (0353) 2699 001  
E-mail: kkbagchi@hotmail.com

Ref No. ....

Date: .....

**CERTIFICATE**

This is to certify that the thesis entitled "POPULATION AGEING IN WEST BENGAL WITH SPECIAL REFERENCE TO SOCIAL SECURITY" submitted to the University of North Bengal for the award of the degree of DOCTOR OF PHILOSOPHY in ECONOMICS is a bonafide record of the research work done by Smt. Archita Nayak under my supervision. It is also certified that this work has not previously formed the basis for the award to candidate of any degree, diploma, associateship, fellowship or any other similar title and the thesis is an independent and honest work of the candidate.

  
18.04.18

**Prof. K. K. Bagchi**  
Professor & Head,  
Department of Economics,  
University of North Bengal  
(Research Supervisor)

*Professor*  
Department of Economics  
North Bengal University