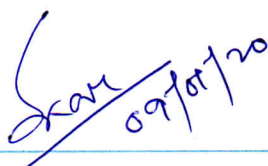


## CERTIFICATE

*This is to certify that the work embodied in the present thesis entitled 'Impact of commercial probiotics on experimental animal health in hypobaric environment' has been carried out and completed by Sri Animesh Samanta under our joint supervision. He has followed the rules and regulations as laid down by the University as well as UGC (Ph.D Regulation Act 2009). The work done by him is original and has not been submitted anywhere else for any other award. The help and sources of information availed during the course of this investigation have been duly acknowledged.*

  
09/01/20

*Dr. Sanjay Kar*

Assistant Professor  
Department of Botany  
Midnapore College (Autonomous)  
Midnapore, Paschim Medinipur-721101  
West Bengal

**Dr. Sanjay Kar**  
Assistant Professor  
Department of Botany (U.G.&.P.G.)  
Midnapore College

  
09/01/2020

*Dr. Dilip Kumar Nandi*

Associate Professor & Head, PG,  
Department of Human Physiology  
Raja Narendra Lal Khan Women's College  
(Autonomous)  
Midnapore, Paschim Medinipur-721102  
West Bengal.

**Dilip K Nandi, Ph.D.**  
Associate Professor & Head  
PG Dept. of Human Physiology  
Raja N.L. Khan Women's College  
(Autonomous)  
Midnapore - 721102, West Bengal