



**SIKSHA 'O' ANUSANDHAN**

(Deemed to be University)

Bhubaneswar, Odisha, India  
 Accredited by UGC with A Grade

on the recommendation of the Academic Council  
 hereby confers the degree of

**Doctor of Philosophy**

on

*Vikram Kumar Saha*

who has fulfilled the requirement for the degree as prescribed under  
 the regulations and successfully defended in August 2017,  
 the thesis entitled:

**Development and Evaluation of Natural Polysaccharide Based  
 Floating Mucoadhesive Microspheres of Ranitidine'**

Given on this day, under the seal of  
 SIKSHA 'O' ANUSANDHAN Deemed to be University



*[Signature]*