

# NATIONAL UNIVERSITY OF SINGAPORE



**This is to certify that**

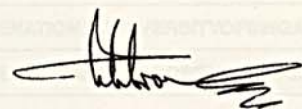
***PRANJAL KUMAR GOGOI***

**having fulfilled the requirements prescribed  
by the University was conferred the degree of**

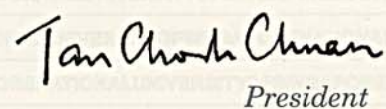
**DOCTOR OF PHILOSOPHY**

**on**

**30 September 2013**

A handwritten signature in black ink, appearing to be 'Alan...', written over a large, faint circular watermark of the university's crest.

*Chair, Board of Trustees*

A handwritten signature in black ink, appearing to be 'Tan Chuan-Jin', written over the same large, faint circular watermark.

*President*