

**UNIVERSIDAD NACIONAL DE INGENIERIA**  
**College of Electrical and Electronic Engineering**  
**Telecommunications Engineering Program**

**CERTIFICATE**

Through this document it is certified that:  
Miss

**TANITH ALCIRA GUERRA HUARANGA**

With Student Code: **20142223D**

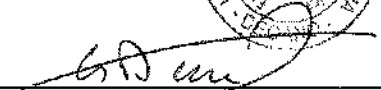
Has met all the requirements to be awarded the degree of:

**BACHELOR of SCIENCES in TELECOMMUNICATIONS ENGINEERING**

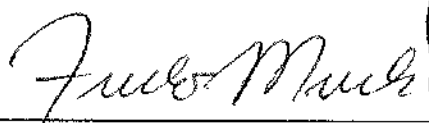
This certificate is issued for all relevant purposes.

Lima, October 03, 2019



  
M. Sc. César Alberto Briceño Aranda  
Dean



  
Ph. D. Aurelio F. Morales Villanueva  
Program Chair