

The University of Sheffield

*It is hereby certified that*

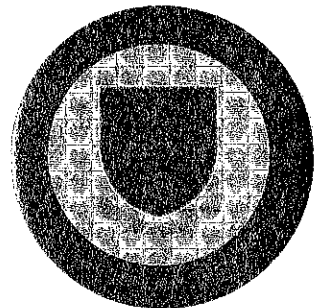
**Zapopan Martín Muela Meza**

*having fulfilled the requirements prescribed by Ordinances  
and after due examination was awarded the degree of*

**Doctor of Philosophy**

*of this University*

*on 1 July 2010*



*Keith Burnett*

**Professor Keith Burnett**  
Vice-Chancellor

*Philip K Harvey*

**Dr Philip K Harvey**  
Registrar and Secretary