



THE UNIVERSITY OF NOTTINGHAM

It is hereby certified that after having satisfied all the
conditions prescribed by the University

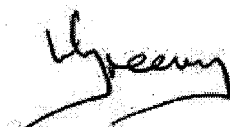
RICHARD SIMPSON

was on the

fourteenth day of July, 2017

duly admitted to the degree of

Doctor of Philosophy


Vice-Chancellor




Registrar