



HERIOT-WATT UNIVERSITY

We, the undersigned Principal and Vice-Chancellor of the University, the Head of the School of Engineering and Physical Sciences, and the Secretary of the University, certify that

Nabin Sarmah

*has undertaken research and satisfied the examiners
and, by resolution of the Senate, been awarded the degree of*

Doctor of Philosophy

and is entitled to all the academic privileges attendant thereto.

*In witness whereof this certificate is sealed with the Common Seal
of the University on the Nineteenth day of June 2013.*



Principal and Vice-Chancellor

*Head of the School of
Engineering and Physical Sciences*

Secretary of the University