



*This is to certify that
Niyati Gopinath Kalangutkar
daughter of
Shri Kalangutkar Gopinath J
and
Smt. Kalangutkar Aarti Gopinath
has been awarded the degree*

Doctor of Philosophy

*of this University having qualified in January, 2013
in Marine Science*

Given under the seal of the University

Panaji

2nd February, 2013



S. R. Shetye
Vice-Chancellor