

Shivaji University, Kolhapur



the Chancellor, Vice-Chancellor and
Members of the Management Council on
the recommendation of the Academic Council certify that

Kulkarni Sachin Babasaheb
Mother's Name - Shubhangi
has been awarded the degree of



Doctor of Philosophy

in Physics

in the faculty of Science

on 15th October 2012.

*The said degree has been conferred on him
at Kolhapur in the Winter Session
of the year two thousand fourteen.*

In testimony whereof are set the seal of the
university and the signatures of
the Registrar and the Vice-Chancellor.

Shimley

Registrar



Pawar

Vice-Chancellor