

संत गाडगे बाबा अमरावती विद्यापीठ



विज्ञान व तंत्रज्ञान आचार्य
Doctor of Philosophy
(Faculty of Science and Technology)

This is to certify that

Shri Pankaj Kesharao Bharne, son/daughter of Mrs. Anjana

having been found to be duly qualified on
 examination of the thesis on

*Design, Development And Performance Analysis Of Neuro Fuzzy
 And Intelligent Swarm Algorithms*

was admitted to the degree of
**Doctor of Philosophy in the subject Computer Science and
 Engineering**
 in the faculty of **Science and Technology** in this University in the
 year 2022.

Amravati:

25 MAY 2022



[Signature]
 Vice-Chancellor