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संचालक, परीक्षा व मुल्यमापन मंडळ

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Date :

Declaration of Result

It is hereby declared that the thesis entitled,

THEORETICAL INVESTIGATIONS OF SELF- FOCUSING / DEFOCUSING OF HERMITE-COSH-GAUSSIAN MODE LASER BEAMS IN ANISOTROPIC AND ABSORBING PLASMA MEDIA

submitted by, **Smt.Urunkar Trupti Uday** in Physics under the Faculty of Science and Technology is accepted by the University authorities for the award of the Degree of Doctor of Philosophy in Physics under the Faculty of Science and Technology on 17/06/2019.

No. SU/PG/EXAM/Ph.D./6375

Date: **24 JUN 2019**

Director

Board of Examinations & Evaluation

To,

1. Smt.Urunkar Trupti Uday,
Department of Physics,
Shivaji University, Kolhapur.
2. Dr. M.V. Takale (Guide)
Department of Physics,
Shivaji University, Kolhapur
3. The Director, Barr. Balasaheb Khardekar Knowledge Resource Centre,
Shivaji University, Kolhapur.
4. The Head, Department of Physics, Shivaji University, Kolhapur.
5. Statement of Marks / Certificate Unit.
6. Convocation Unit.
7. Statistics Section.
8. Copy to UGC Notification File

Shivaji University, Kolhapur



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

Urunkar Trypti Uday
Mother's Name - *Varsha*



has passed the

Doctor of Philosophy

in Physics

in faculty of Science And Technology

on 17th June, 2019.

The said degree has been conferred on her

at Kolhapur in the Winter Session

of the year two thousand twenty.

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

Registrar



Vice-Chancellor