

POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY

St. Xavier's College (Autonomous)  
5, Mahapalika Marg, Mumbai 400001



CERTIFICATE

This is to certify that **Aditi A. Pedgaonkar**, student of MSc (Biotechnology) - Semester IV, at the Post Graduate Department of Biotechnology, St. Xavier's College (Autonomous) has submitted the dissertation work titled “**Study on localization of the COPI-COPII/ERES-ERAS in *Pichia pastoris***” for the partial fulfilment of the Master's degree in Science in Biotechnology, during the academic year 2019-2020.

Date:28.07.2020

Place: Mumbai

Dr. Karuna Gokarn

Head of the Department, PGDBT

POST GRADUATE DEPARTMENT  
OF BIOTECHNOLOGY  
ST. XAVIER'S COLLEGE,  
MUMBAI-400 001



TATA MEMORIAL CENTRE  
ADVANCED CENTRE FOR TREATMENT, RESEARCH &  
EDUCATION IN CANCER (ACTREC)

DR. DIBYENDU BHATTACHARYYA

Principal Investigator

### CERTIFICATE OF COMPLETION

This is to certify that **Aditi Avinash Pedgaonkar**, student of MSc (Biotechnology), St. Xavier's College (Autonomous) has completed four months training/ Research Project at the **Bhattacharyya Lab**, Advanced Center for Treatment Research & Education in Cancer (ACTREC), during the academic year 2019-2020. She has completed the dissertation work entitled "**Localization study of COPI and COPII vesicles at bi-directional ER transport portals of *Pichia pastoris***" for the partial fulfilment of MSc. (Biotechnology) degree. She has been familiarized with the following techniques during this project.

- a) Standard molecular biology techniques
- b) Yeast culture, maintenance and transformation.
- c) Basics of Confocal microscopy and image processing

This carefully written report represents the experiments and literature related to the same carried out by her during the period from 1st December 2019 to 31st March 2020.

I found **Aditi Avinash Pedgaonkar** to be a sincere and hardworking student. Her overall conduct was good.

PI/Supervisor's Name: **Dr. Dibyendu Bhattacharyya**

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