



St Xavier's College (Autonomous)

5, Mahapalika Marg, Mumbai-400001

“Regulatory role of PSMD9 in p53 degradation”

A dissertation submitted to St Xavier's College- Autonomous

For the partial fulfillment of the degree of Master of Science in Biotechnology

By

Minu Maria Thankachan

MSc. (Biotechnology)

2019-2020

Under the guidance of

Dr. Prasanna Venkatraman

Advanced Centre for Treatment, Research and Education in Cancer

Kharghar, Sector 12

Navi Mumbai.

POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY

St Xavier's College (Autonomous)

5, Mahapalika Marg, Mumbai -400001



CERTIFICATE

This is to certify that **Minu Maria Thankachan**, student of MSc (Biotechnology) - Semester IV, at the Post Graduate Department of Biotechnology, St. Xavier's College (Autonomous) has submitted the dissertation work titled "**Regulatory role of PSMD9 in p53 degradation**" for the partial fulfilment of the Master's degree in Science in Biotechnology, during the academic year 2019-2020.

Date Place

K. Gokarn

Dr. Karuna Gokarn

Head of the Department, PGDBT

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



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CERTIFICATE OF COMPLETION

This is to certify that **Minu Maria Thankachan**, student of MSc (Biotechnology), St. Xavier's College (Autonomous) has completed four months training/ Research Project at the **Prasanna lab, Advanced Centre for Treatment, Research and Education in Cancer (ACTREC)** during the academic year 2019-2020.

She has completed the dissertation work entitled “ **Regulatory role of PSMD9 in p53 degradation**” for the partial fulfillment of MSc. (Biotechnology) degree. She has been familiarized with the following techniques during this project:

- Immunoprecipitation
- PAGE
- Western Blotting

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 17th March 2020.

We/I found Minu Maria Thankachan to be a sincere and hardworking student. Her overall conduct was good.

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खारघर, नवी मुंबई - ४१० २१० इंडिया
दूरभाष ९१-२२-२७४०५००० / २७४१२९१९
फैक्स ९१-२२-२७४०५०८५

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