

19th April, 2018

To,
The Principal,
St. Xavier's College (Autonomus),
Mumbai.

Subject: Request for Summer Internship (May-June, 2018)

I am a II year B.Sc. student of the 5-Year Integrated M.Sc. Biomedical Sciences course at NMIMS' Sunandan Divatia School of Science, Mumbai. I wish to do summer internship, at my own will and not as a part of the curriculum, at the Caius Research Laboratory of St. Xavier's College, Mumbai, for a duration of two months (May-June, 2018). I agree to pay a sum of Rs. 5,000/- per month for carrying out the work, under the guidance of Dr. Priya Sundarajan and Dr. Vishwas Sarangdhar.

It is understood that the intellectual property from the entire work will rest with St. Xavier's College, Mumbai and Sunandan Divatia School of Science will have no claim over it. It is also understood that may any part, or the entire work be published in peer-reviewed journal(s), it shall be with the name of the students as well as the Faculty of St. Xavier's College, Mumbai as authors. It is clear that when the project report is submitted by the students to Sunandan Divatia School of Science, St. Xavier's College, Mumbai will be acknowledged as the place where the work was carried out.

Thanking you.

Yours Faithfully,

Urja Parekh

Urja Parekh
B.Sc-II Student
5-Year Integrated M.Sc. Biomedical Sciences

Forwarded Through:

[Signature]
DEAN
SUNANDAN DIVATIA SCHOOL OF SCIENCE

*Yes. Allowed for
all 20/06/18.
24/4/18*



Caius Research Laboratory

St. Xavier's College,

Mumbai-400 001

Tel.: 262 2799

To whomsoever it may concern

This is to certify that Ms. Urja Parekh (BSc, Semester IV student, 5-year Integrated MSc in Biomedical Sciences, NMIMS) carried out her internship at Caius Research Laboratory, St. Xavier's College (Autonomous), Mumbai from 20th April to 30th June 2018. Her work included "Development of antibiotic sensitive strains of yeast by UV mutagenesis and Design of shuttle vector with heme-binding domain". She carried out her work under the guidance of Dr. Vishwas Sarangdhar and Dr. Priya Sundarrajan.

Urja worked diligently during the months she was here, and managed to obtain antibiotic-sensitive mutants of one laboratory strain and one wild strain of yeast. She understood the fundamental principles that underlie the research topic, and showed initiative in designing and carrying out the work. She also demonstrated the ability to obtain the necessary genetic sequence data and to apply bioinformatics tools for generating oligonucleotide primers for nucleic acid manipulations.

Urja is welcome to work in the Caius Research Laboratory any time in the future. We wish her the very best in her future endeavours.

Dr. Priya Sundarrajan

Director

Dr. Vishwas Sarangdhar

Consultant



PRINCIPAL
ST. XAVIER'S COLLEGE
(AUTONOMOUS)
MUMBAI - 400 001.