

**THE EFFECT OF ELF-EMF ON EARLY
DEVELOPMENTAL STAGES OF GROWTH IN
VIGNA RADIATA (MUNG SEEDS)**

Submitted in partial fulfilment of the requirements
of the degree of

Master of Science in Life Science (Applied Medical Sciences)

by

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(UID No.: 188506)

Guided by:

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**Department of Life Science & Biochemistry
St. Xavier's College (Autonomous), Mumbai
June 2020**



DEPARTMENT OF LIFE SCIENCE & BIOCHEMISTRY
ST. XAVIER'S COLLEGE (AUTONOMOUS), MUMBAI

MUMBAI - 400 001



CERTIFICATE

Class: M.Sc. (Part II) – Life Science

UID NO.: 188506

This is to certify that the project entitled **“THE EFFECT OF ELF-EMF ON EARLY DEVELOPMENTAL STAGES OF GROWTH IN VIGNA RADIATA (MUNG SEEDS)”** is a result of the original research work carried out by **Mr Arun K Jose.**

This project is submitted to the Department of Life Science & Biochemistry, St. Xavier's College (Autonomous), Mumbai, in partial fulfilment for the degree of **Master of Science (M.Sc.) - Life Science (Applied Medical Sciences)** for the year 2019-20.

Dr. Prashant Ratnaparkhi
Research Advisor

Date: 27th June 2020

Place: Mumbai

Head of Department
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**DEPARTMENT OF LIFE SCIENCE
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DECLARATION

Class: **M.Sc. (Part II) – Life Science**

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I declare that this dissertation entitled “**THE EFFECT OF ELF-EMF ON EARLY DEVELOPMENTAL STAGES OF GROWTH IN VIGNA RADIATA (MUNG SEEDS)**” has been written by me and no part of it has been plagiarized from any other source. The literature has been cited in-text and in the reference list. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my dissertation. I understand that any violation of the above will be the cause for disciplinary action by the College and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed. The entire work or any part of it thereof, will not be published without the permission and consent of my research guide.



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Name of student: **Mr. Arun Jose K.**

Date: **27th June, 2020**

Place: **Mumbai**