

08th September 2022

Ms. Namita Singh

Ramniranjan Jhunjhunwala College

TO WHOEVER IT MAY CONCERN

This is to officially certify that Ms. Namita Singh has completed project in Cipla R&D from 01st June 2022 to 07th September 2022. In these months she has been a part of the Formulation ADL Department.

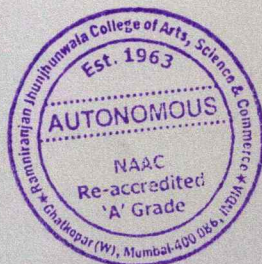
Her performance has been found to be good and satisfactory during the internship tenure.

With Warm Regards,

Yours sincerely,

Prashant Pal

Head HR - IPD



Certified as
TRUE COPY


Principal

Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.





**Advanced Centre for Treatment Research &
Education in Cancer**

Tata Memorial Centre

Dr. Abhijit De MPHIL, PhD

Principal Investigator & Scientific Officer 'G'

CERTIFICATE OF MASTERS THESIS RESEARCH PROJECT COMPLETION

This is to certify that Ms. Dhanya Nilesh Poojary M.Sc. 2nd year student affiliated with Department of Biotechnology, Ramniranjan Jhunjhunwala College, Ghatkopar(W), Mumbai who was admitted for research training program from May 17, 2022 to October 14, 2022 at ACTREC has successfully completed his MSc dissertation research under my supervision and guidance. She worked on a short project entitled 'Use of novel Phospho-BRET Biosensor to study ^{SIH3} protein activation in breast cancer cell line" by joining Molecular Functional Imaging Lab at ACTREC, Navi Mumbai.

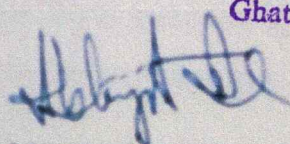
Her work report represents the experiments and the comprehensive literature survey carried out by her during the above-mentioned period. I further certify that the work done is original and thoroughly conducted by her.



**Certified as
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Principal

Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.



[Dr. Abhijit De] **Date:** November 07, 2022

Head, Molecular Functional Imaging Laboratory
Chairperson, Academic Committee, Life Science
In Charge, Molecular Imaging Core Facility

ACTREC, Tata Memorial Centre

Phone: 22-27405038

Place: Kharghar, Navi Mumbai

Dr. ABHIJIT DE
Scientific Officer 'G'
ACTREC TATA Memorial Centre
Sector - 22, Kharghar
Navi Mumbai - 410210

KS 232c, Kharghar, Sector 22, Navi Mumbai, PIN 410210, INDIA

Tel: +91-22-2745038 (office); Fax: +91-22-2749585; Email: ade@actrec.gov.in



Geo-Chem Laboratories Pvt. Ltd, Kanjur Marg, Mumbai 400 042

CERTIFICATE

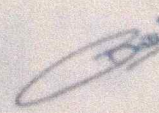
This certificate is awarded to

Ms. Divya Pingale

who has successfully completed the project on

"Determination of Histamine in Fish & Fishery Products
(Fish meal) by HPLC"

held at our laboratory from
July 2022 to September 2022 .


Sheetal Patil
Manager - Quality Assurance



GC/EXT/QA/2022-23/03



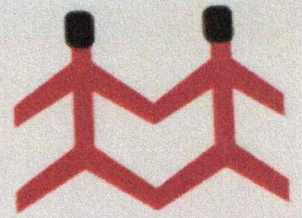
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Principal

**Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.**

SECTOR-13, PLOT NO. 1,
AIROLI, NAVI MUMBAI - 400 708
TEL: 022-2779 6660 (61/62/63/64)
Burns Helpline : 022-27793333 Fax : 022-2779 4227
E-mail : nbcalroli@gmail.com Website : www.burns-india.com



**NATIONAL
BURNS
CENTRE**

Date: 4th November 2022

CERTIFICATE

This is to certify that the research work presented in this thesis entitled "Evaluation of genes upregulated in scar tissues" submitted towards the partial fulfilment for the award of degree of the Masters of Science in Biotechnology, from **Department of Biotechnology, Ramniranjan Jhunjhunwala College, Mumbai** is the result of bonafide work compiled by **Ms. Riddhi Bharat Vishwakarma** carried out under the guidance of **Dr. Sunil M. Keswani** and **Dr. Prema Chaudhary** at **Skin Regeneration and Stem cell Therapy laboratory, The National Burns Centre, Airoli, Navi Mumbai** in the academic year of 2022-23 from 1st June 2022 to 31st October 2022.

This work is based on guidelines given by National Burns Centre, Indian Burns Research Society. The work presented herein is original and has not been submitted previously for the award of any other degree or diploma of the National Burns Center or any other university. Further, she was regular and hardworking student and we wish her the very best wishes for all her future endeavors.

Dr. Sunil M Keswani

Project Guide

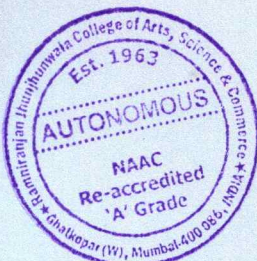
(Medical Director)



Dr. Prema Chaudhary

Project Co-Guide

(Sr. Research Officer)



**Certified as
TRUE COPY**

Principal

**Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.**

Date: 4th November 2022

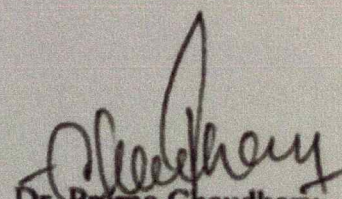
CERTIFICATE

This is to certify that the research work presented in this thesis entitled "Elucidating the fate of melanogenesis related genes involved in post burn hypopigmentation" submitted towards the partial fulfilment for the award of degree of the Masters of Science in Biotechnology, from Department of Biotechnology, Ramniranjan Jhunjhunwala College, Mumbai is the result of bonafide work compiled by Ms. Vaishnavi Vikram Menon carried out under the guidance of Dr. Sunil M. Keswani and Dr. Perna Chaudhary at Skin Regeneration and Stem cell Therapy laboratory, The National Burns Centre, Airoli, Navi Mumbai in the academic year of 2022-23 from 1st June 2022 to 31st October 2022.

This work is based on guidelines given by National Burns Centre, Indian Burns Research Society. The work presented herein is original and has not been submitted previously for the award of any other degree or diploma of the National Burns Center or any other university. Further, she was regular and hardworking student and we wish her the very best wishes for all her future endeavors.



Dr. Sunil M Keswani
Project Guide
(Medical Director)



Dr. Perna Chaudhary
Project Co-Guide
(Sr. Research Officer)



**Certified as
TRUE COPY**



Principal

Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

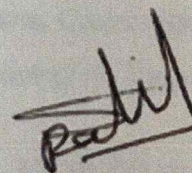
CERTIFICATE OF MASTERS THESIS RESEARCH PROJECT COMPLETION

This is to certify that,

Mr. Sahil Sanjay Nalawade student of M.Sc. Part II Biotechnology Ramniranjan Jhunjhunwala (Autonomous) College of Arts, Science & Commerce, Mumbai has satisfactorily completed the project entitled "Studies on Encapsulation Technologies For The Formulation of Cognitive Herbal Product" at OmniActive Health Technologies Limited, Thane., In the academic year 2022-2023.

Place: Thane

Date: 07th November 2022



Dr. Sumit Patil

Director

Research and Development

OmniActive Health Technologies, Thane



**Certified as
TRUE COPY**



Principal

Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

OmniActive Health Technologies Limited

R & D Centre : A-10, Road No. 1, Wagle Industrial Estate, Thane (W) - 400604. | +91-22-4184 3700



Geo-Chem Laboratories Pvt. Ltd, Kanjur Marg, Mumbai 400 042

CERTIFICATE

This certificate is awarded to

Ms. Sujata Vishwakarma

who has successfully completed the project on

**"Detection & Quantification of Aflatoxins in Food raw material by
HPLC-FLD"**

held at our laboratory from
May 2022 to August 2022 .

Sheetal Patil
Manager - Quality Assurance



GC/EXT/QA/2022-23/02



**Certified as
TRUE COPY**

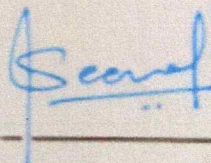
Principal

**Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.**

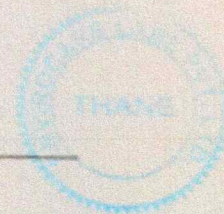
TO WHOM IT MAY CONCERN

We certify that Ms. Shambhavee Shahane, student of **Biotechnology** from Ramniranjan Jhunjhunwala College, Mumbai, has undergone training in the Department of **Molecular Biology** at **Envirocare Labs Pvt Ltd** from **24th May 2022 to 30th September 2022.**

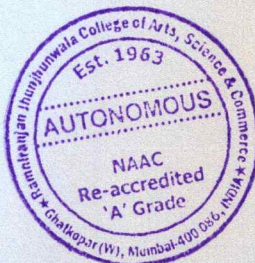
We wish her success in all the future endeavours.



Deenal C. Shah
Human Resources



**Certified as
TRUE COPY**



Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.



**INSTITUTE OF MEDICAL SCIENCE
BANARAS HINDU UNIVERSITY
VARANASI**



SUBMISSION CERTIFICATE

This is to certify that the project work on "Isolation, identification, purification and bulk production of bacteriophage against pathogenic bacteria for the treatment of chronic wound infections" has been submitted by the candidate, for evaluation and viva examination.

Name of Student: - Ms. Aakanksha Shivshankar Singh

Course: - Master's of science in Biotechnology

Session: - 2021-2023

Year of Dissertation: - 2022

Date of Submission:-

EVALUATION AND VIVA EXAMINATION

Name of Members

Position

Signature

Prof. (Dr.) Pradyot Prakash

Guide

MD, Ph.D., MBBS.,

Department of Microbiology,

Institute of Medical Sciences,

Banaras Hindu University

Dr. Mayank Gangwar

Co-Guide

Scientist-C, VRDL,

Department of Microbiology,

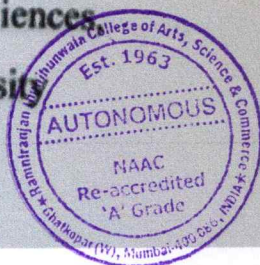
Institute of Medical Sciences

Banaras Hindu University

**Certified as
TRUE COPY**

Principal

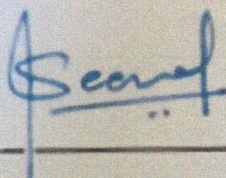
**Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.**



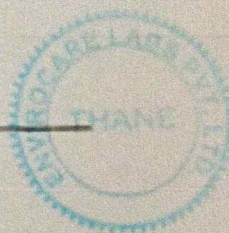
TO WHOM IT MAY CONCERN

We certify that **Ms. Jyoti Sahani**, student of **Biotechnology** from **Ramniranjan Jhunjhunwala College, Mumbai**, has undergone training in the Department of **Molecular Biology** at **Envirocare Labs Pvt Ltd** from **24th May 2022 to 30th September 2022**.

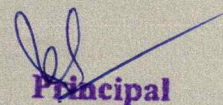
We wish her success in all the future endeavours.



Deenal C. Shah
Human Resources



**Certified as
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Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.





**Advanced Centre for Treatment Research & Education
in Cancer**

Tata Memorial Centre

Dr. Abhijit De MPH, PhD

Principal Investigator & Scientific Officer 'G'

**CERTIFICATE OF MASTERS THESIS
RESEARCH PROJECT COMPLETION**

This is to certify that Mr. Abhishek Rajaram Randive, M.Sc. 2nd year student affiliated with Department of Biotechnology, Ramniranjan Jhunjhunwala College, Ghatkopar(W), Mumbai who was admitted for research training program from May 17, 2022 to September 30, 2022 at ACTREC has successfully completed his MSc dissertation research under my supervision and guidance. He worked on a short project entitled 'Expression, Purification, and Characterization of a fungal luciferase protein isolated from *Neonothopanus nambi*' by joining Molecular Functional Imaging Lab at ACTREC, Navi Mumbai.

His work report represents the experiments and the comprehensive literature survey carried out by him during the above-mentioned period. I further certify that the work done is original and thoroughly conducted by him.

[Dr. Abhijit De]

Place: Kharghar, Navi Mumbai

Date: November 02, 2022

Dr. ABHIJIT DE
Scientific Officer 'G'
ACTREC TATA Memorial Centre
Sector - 22, Kharghar
Navi Mumbai - 410210

Head, Molecular Functional
Imaging Laboratory
Chairperson, Academic
Committee, Life Science In
Charge, Molecular Imaging
Core Facility ACTREC, Tata
Memorial Centre

Phone: 22-27405038

KS 232c, Kharghar, Sector 22, Navi Mumbai, PIN 410210, INDIA

Tel: +91-22-2745038 (office); Fax: +91-22-2749585;

Email: ade@actrec.gov.in

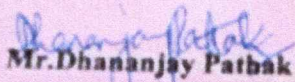
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Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

SUBMISSION CERTIFICATE

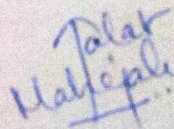
This is to certify that Miss SHREYA DUBEY, student of RAMNIRANJAN JHUNJHUNWALA COLLEGE, GHATKOPAR (W), has successfully completed her project work on "CYTOGENOMIC ANALYSIS OF AMNIOTIC FLUID SPECIMENS WITH ABNORMAL ULTRASONOGRAPHY AND HIGH RISK IN MATERNAL SERUM MARKER SCREENING" in partial fulfilment of the requirement for the award of the degree of MASTERS OF SCIENCE IN BIOTECHNOLOGY at METROPOLIS HEALTHCARE LTD (VIDYAVIHAR) from 25th JUNE 2022 to 9th NOVEMBER 2022, under the guidance of Mr.DHANANJAY PATHAK (Sr. Analyst) & Dr. TALAT KHAN(Head of medical genetics)


Mr.Dhananjay Pathak

Sr.Analyst

(Project guide)

Signature


Dr.Talat Khan

Dr.Talat Khan

Head of Department

(Project Co-guide)

Signature



**Certified as
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Principal

Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

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Email: support@metropolisindia.com | Website: www.metropolisindia.com

Central Laboratory: 4th Floor, Commercial Building-1A, Kharadar Mait
Vidyavihar (W), Mumbai - 400 086



BOARD OF RADIATION & ISOTOPE TECHNOLOGY
GOVERNMENT OF INDIA, DEPARTMENT OF ATOMIC ENERGY
RADIATION PROCESSING PLANT

BRIT/BARC Vashi Complex, Sector-20, Vashi, Navi Mumbai-400703

Tel: 02227887405, email: kumbhare@britatom.gov.in, web: www.britatom.gov.in

MILIND KUMBHARE

Manager, Microbiology, RPP, BRIT

October 27, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that, **Ms. PRIYA CHANDRASHEKHAR TRIPATHI; M.Sc.** Part II Biotechnology student of Ramniranjan Jhunjhunwala (Autonomous) College of Arts, Science & Commerce has satisfactorily completed her project entitled **"EFFECT OF BACTERIAL PIGMENT EXTRACT ON RADIATION SENSITIVITY OF MICROORGANISMS"** at Microbiology Laboratory, Radiation Processing Plant, and Board of Radiation & Isotope Technology during the academic year 2022 - 2023.

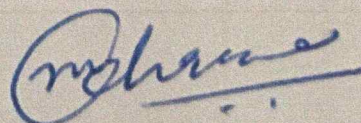
She was found to be sincere, hardworking & dedicated to the assigned work. I wish success in her future endeavors.



**Certified as
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Principal

Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.



MILIND KUMBHARE



टाटा स्मारक केन्द्र
TATA MEMORIAL CENTRE

टाटा स्मारक अस्पताल
TATA MEMORIAL HOSPITAL

AA No. 971314

ए. ऊ. वि. भारत सरकार का एक सहायता अनुदान प्राप्त संस्थान
A GRANT-IN-AID INSTITUTE OF THE DEPARTMENT OF ATOMIC ENERGY, GOVT. OF INDIA

CERTIFICATE OF COMPLETION

This is to certify that **Ms. Nimisha Lalit Sharma**, student of M.Sc. Biotechnology from HVPS's Ramniranjan Jhunjhunwala college (Autonomous), Ghatkopar, Mumbai, has successfully completed her dissertation on the project entitled "**Validation of DICER1 mutation detection in solid tumors using Sanger Sequencing**" under the guidance of **Dr. Omshree Shetty**, Scientific Officer in the Molecular Pathology Laboratory at Tata Memorial Hospital, Parel, Mumbai, from 1st May, 2022 – 30th October, 2022.

The work carried out in this project is submitted to Ramniranjan Jhunjhunwala College (Autonomous), Ghatkopar, Mumbai for the partial fulfilment of M.Sc. Degree in Biotechnology (By Paper) which is original and has not been submitted for any other degree to Mumbai University or any other university.

Dr. Omshree Shetty,

Asst. Professor & Scientific Officer 'E'

Molecular Pathology Laboratory

Department of Pathology,

Tata Memorial Hospital



**Certified as
TRUE COPY**

Principal

**Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.**

Dr. E. Borges Marg, Parel
Mumbai - 400 012, India.
Phone: +91-22-2417 7000

डा. ई. बोरजेस मार्ग, पारेल
मुंबई - ४०० ०१२, भारत
दूरभाष : ०२२-२४१७ ७०००
फैक्स : ०२२-२४१७ ७००१

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Office : 022-69099121 / 22

Principal : 022-69099123



Mihagar Road, Mulund (East), Mumbai 400 081

E Mail : vazecollege@gmail.com Website : www.vazecollege.net

NAAC ACCREDITED 'A' GRADE COLLEGE (4th Cycle)

First Recipient of Best College Award (University of Mumbai)

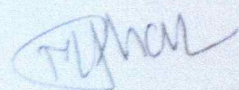
Recipient of Star College Scheme (D.B.T.)

Best College Certificate under Swachh Bharat Abhiyan of B.M.C. 2018

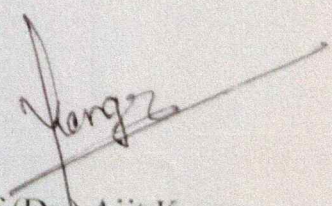
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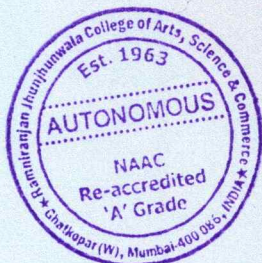
Date : 05-11-2022

This is to certify that, YADAV SHRIYA SURENDRA of M.Sc Part II, Biotechnology student of Ramniranjan Jhunjhunwala College, has satisfactorily carried out this dissertation work titled "SCREENING OF MICROALGAE FROM EXTREME CLIMATIC CONDITIONS FOR THEIR ANTIDODORANT ACTIVITY" under the guidance Prof. (DR.) AJIT KENGAR and DR. M.A DEODHAR. This dissertation represents an original and independent work carried out by her for the partial fulfillment of the master's degree as prescribed by University of Mumbai, during the academic year 2022-2023.



Dr. M.A. Deodhar
Adjunct Professor
Department of Botany




Prof. (Dr.) Ajit Kengar
Head, Department of Botany



**Certified as
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Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

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Principal 022-69099123



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E Mail : vazecollege@gmail.com Website : www.vazecollege.net

NAAC ACCREDITED 'A' GRADE COLLEGE (4th Cycle)

First Recipient of Best College Award (University of Mumbai)

Recipient of Star College Scheme (D.B.T.)

Best College Certificate under Swachh Bharat Abhiyan of B.M.C. 2018

Ref. No. VC/

Date 05/11/2022

This is to certify that, KHAN SHAHIN FASIULLAH of M.Sc. part-II, Biotechnology Student of Ramniranjan Jhunjhunwala College, has satisfactorily carried out this dissertation work titled "STANDARDIZATION OF THE PIGMENT EXTRACTION PROCESS FROM *PSEUDANABAENA LIMNETICA* AND *PSEUDANABAENA SPP.* USING DIFFERENT BUFFER SYSTEMS AND TO STUDY IT'S STABILITY IN VARIOUS POLYSACCHARIDES FOR IT'S INCORPORATION IN FOOD" under the guidance of PROF. (Dr.) AJIT KENGAR AND Dr. M.A. DEODHAR. This dissertation represents an original and independent work carried out by her for the partial fulfilment of the master's degree as prescribed by the university of Mumbai, during the academic year 2022-2023.

Dr. M.A. Deodhar

Adjunct Professor,

Department of Botany



Prof.(Dr.)Ajit Kengar

Head Department of Botany,

Research Guide in Biotechnology



**Certified as
TRUE COPY**

Principal

Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.



Quality Driven technical excellence

Mob : 9320582510
: 8097778704
E-mail : kelkarsrc@gmail.com

The Kelkar Education Trust's
SCIENTIFIC RESEARCH CENTRE

- DSIR Approved Research Centre
- FDA Approved Public Testing Laboratory for Cosmetics

Date: 28th September 2022

CERTIFICATE

This is to certify that **Ms. Ankita Biswas** student of M.Sc. Biotechnology, Ramniranjan Jhunjhunwala College, has successfully completed Research Project entitled, "**An Efficient In-vitro Propagation Of *Mentha Arvensis* Using Shoot Tip And Nodal Explant**" in KET's Scientific Research Centre, Mulund, Mumbai – 81 from 23rd May 2022 to 27th September 2022

During this period, she worked on Standardization of Micropropagation protocol for *Mentha*, Media Preparation, In-vitro Initiation, Multiplication and Rooting, Handling of Instruments and Equipments and Observed Plant Hardening Procedure in Green House, under the guidance of Ms. Mamta Patil, Scientist, Plant Biotechnology Department, KET's Scientific Research Centre, Mumbai.

The Dissertation work is original and is submitted to Ramniranjan Jhunjhunwala College for partial fulfillment of Degree of M.Sc. Biotechnology.

I wish her Success for her Future.

M. Nagwekar

Mrs. Mamta Nagwekar
Project Guide
In-charge Plant Biotechnology
KET's Scientific Research Centre



Dr. Siddhivinayak Barve

Dr. Siddhivinayak Barve
Director
KET's Scientific Research Centre



**Certified as
TRUE COPY**

Principal

Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

V. G. Vaze College Campus, Mithagar Road, Mulund (East), Mumbai 400 081, India.



Quality Driven technical excellence

Mob

9320582510

8097778704

E-mail

kelkarsrc@gmail.com

The Kelkar Education Trust's

SCIENTIFIC RESEARCH CENTRE

- DSIR Approved Research Centre
- FDA Approved Public Testing Laboratory for Cosmetics

Date: 28th September 2022

CERTIFICATE

This is to certify that **Ms. Deepa Arvind Tiwari** student of M.Sc. Biotechnology, Ramniranjan Jhunjhunwala College, has successfully completed Research Project entitled,

"Micropropagation of Commercially Valuable Ornamental Plant Euphorbia

Pulcherrima (Poinsettia)" in KET's Scientific Research Centre, Mulund, Mumbai - 81 from 23rd May 2022 to 27th September 2022

During this period, she worked on Standardization of Micropropagation protocol for *Poinsettia*, Media Preparation, In-vitro Initiation, Multiplication and Rooting, Handling of Instruments and Equipments and Observed Plant Hardening Procedure in Green House, under the guidance of Ms. Mamta Patil, Scientist, Plant Biotechnology Department, KET's Scientific Research Centre, Mumbai.

The Dissertation work is original and is submitted to Ramniranjan Jhunjhunwala College for partial fulfillment of Degree of M.Sc. Biotechnology.

I wish her Success for her Future.

M. Nagwekar

Mrs. Mamta Nagwekar
Project Guide
In-charge Plant Biotechnology
KET's Scientific Research Centre



Dr. Siddhivinayak Barve

Dr. Siddhivinayak Barve
Director
KET's Scientific Research Centre

**Certified as
TRUE COPY**

[Signature]

Principal

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The Kelkar Education Trust's
SCIENTIFIC RESEARCH CENTRE

- DSIR Approved Research Centre
- FDA Approved Public Testing Laboratory for Cosmetics

Date: 28th September 2022

CERTIFICATE

This is to certify that **Ms. Shabana Khatoon Islam Ali Ansari** student of M.Sc. Biotechnology, Ramniranjan Jhunjhunwala College, has successfully completed Research Project entitled, "**In-vitro Shoot Regeneration of Medicinally important Stevia rebaudiana through Nodal Explant**" in KET's Scientific Research Centre, Mulund, Mumbai - 81 from 23rd May 2022 to 27th September 2022

During this period, she worked on Standardization of Micropropagation protocol for *Stevia*, Media Preparation, In-vitro Initiation, Multiplication and Rooting, Handling of Instruments and Equipments and Observed Plant Hardening Procedure in Green House, under the guidance of Ms. Mamta Patil, Scientist, Plant Biotechnology Department, KET's Scientific Research Centre, Mumbai.

The Dissertation work is original and is submitted to Ramniranjan Jhunjhunwala College for partial fulfillment of Degree of M.Sc. Biotechnology.

I wish her Success for her Future.

M. Nagwekar

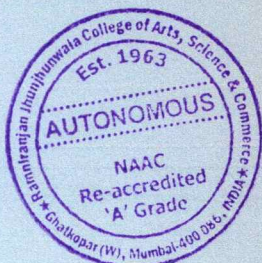
Mrs. Mamta Nagwekar
Project Guide
In-charge Plant Biotechnology
KET's Scientific Research Centre



Siddhivinayak Barve

Dr. Siddhivinayak Barve
Director
KET's Scientific Research Centre

**Certified as
TRUE COPY**



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