



INSTITUTE OF CHEMICAL TECHNOLOGY रसायन तंत्रज्ञान संस्था

Deemed to be University under Section-3 of UGC Act 1956

Elite Status & Centre of Excellence Government of Maharashtra

Category I Deemed to be University (MHRD/UGC)

National Rank 1 in Atal Innovation Ranking (ARIIA), by MHRD, Category : Govt Aided Universities (2020)



24th April 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Khan Neha Parveen Mohammed Shamim, pursuing Master's of Science in Plant Physiology and Biochemistry from HVPS Ramniranjan Jhunjhunwala College, Ghatkopar (West), has successfully completed five months (1st Nov, 2022 to 23rd March, 2023) internship program at DBT-ICT Centre for Energy Biosciences, Mumbai. Her overall performance and conduct were found satisfactory.

Best regards,

Yours sincerely,

Dr. Annamma A. Odaneth
Associate Professor
DBT-ICT Centre for Energy Biosciences

ICT MUMBAI

Nathal Parekh Marg, Matunga, Mumbai - 400 019, India
☎: +91-22-3361-1111/2222(B) Fax :+91-22-3361-1020(B)
Website : www.ictmumbai.edu.in
email : vc@ictmumbai.edu.in
GSTIN : 27AAAT14951J1ZG

ICT IOC, BHUBANESWAR

ICT-IOC Odisha Centre, Indian Institute of Technology,
Kharagpur Extension Centre, Near Hotel Swasti Premium,
Mouza-Samantpuri, Bhubaneswar-13
email : director@iocb.ictmumbai.edu.in
GSTIN : 21AAAT14951J1ZS

ICT MARATHWADA, JALNA

M/s Beej Sheetal Innovations Centre Private Limited,
BT-6/7, Biotechnology Park, Additional MIDC Area,
Aurangabad Road, Jalna-431 203
email : director@marj.ictmumbai.edu.in
GSTIN : 27AAAT14951J1ZG



CERTIFICATE

This is to certify that Miss. Khan Neha Parveen Mohammed Shamim, student of HVPS Ramniranjan Jhunjhunwala College, Ghatkopar (West), has successfully completed 5 months internship in partial fulfillment of the requirement for the award of the degree of MASTER'S OF SCIENCE in PLANT PHYSIOLOGY AND BIOCHEMISTRY at INSTITUTE OF CHEMICAL TECHNOLOGY from 1st November 2022 to 23rd March 2023, under the guidance of Dr. Annamma Anil Odaneth, the former Co-ordinator of DBT-ICT Centre for Energy Biosciences, and with Ms. Tejal Mule as her mentor.

Annamma

Authorized Signature



Institute of Chemical Technology,
Nathalal Parikh Marg, Matunga (East),
Mumbai 400 019, INDIA

Seal of the Organization

Dr. Aruna Rai *Ar*

Dr. Ajit Kulkarni - *Ajit*

A Report
on
the Project entitled
Cuticular and cytogenetical studies on some *Crinum L.*
(Amaryllidaceae) genotypes

submitted

by

Mr. Vinayak Janardhan Patil

B.Sc.



**Hindi Vidya Prachar Samiti's R. J. College of Arts, Science and
Commerce, Mumbai 400086**

under the guidance

of

Dr. M. M. Lekhak

M.Sc., Ph.D.



Assistant Professor
Department of Botany, Shivaji University
Kolhapur 416004

April 2023

Dr. Aruna Rai *AR*

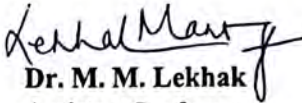
Dr. Ajit Kaldave *AJKaldave*



CERTIFICATE

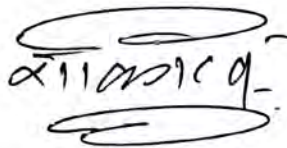
This is to certify that the project work entitled “**Cuticular and cytogenetical studies on some *Crinum* L. (Amaryllidaceae) genotypes** ” has been completed by Mr. Vinayak Janardhan Patil under the guidance of Dr. M. M. Lekhak, Assistant Professor, Department of Botany, Shivaji University, Kolhapur. This work has not formed the basis for the award of any degree of this or any other University.

Place: Shivaji University, Kolhapur
Date: 17/04/2023



Dr. M. M. Lekhak
Assistant Professor,
Department of Botany,
Shivaji University, Kolhapur

Dr. M. M. Lekhak
M.Sc., Ph.D.
Assistant Professor,
Department of Botany,
Shivaji University, Kolhapur - 416004



Prof. R. V. Gurav

Head, Department of Botany,
Shivaji University, Kolhapur

Prof. & Head,
Department of Botany,
Shivaji University,
Kolhapur.

CERTIFICATE

This is to certify that Miss **Khan Shaine Mohammad Ashfak** student of **Ramniranjan Jhunjhunwala College ,Ghatkopar (West)**, has successfully completed 2 months internship in partial fulfillment of the requirement for the award of the degree of **MASTER'S OF SCIENCE in PLANT PHYSIOLOGY AND BIOCHEMISTRY** at **INSTITUTE OF CHEMICAL TECHNOLOGY** from **01-11-2022** to **07-01-2023**, under the guidance of **Prof.K.S.Laddha** of Department of Pharmaceutical Science & Technology.

CSK
Laddha K.S.
02/02/2023

Authorized Signature

Dr. Anura Rai *AS*

Dr. Asit Kaldore *AK*



Seal of the Organization



HINDI VIDYA PRACHAR SAMITTS
RAMNIRANJAN JHUNJHUNWALA COLLEGE
GHATKOPAR (WEST), MUMBAI 400086



CERTIFICATE

This is to certify that the project entitled " GUAR GUM: AN ECONOMICAL SUBSTITUTE FOR AGAR IN PLANT TISSUE CULTURE MEDIA" submitted by Miss. **Khan Shiba Khaton Mahboob Alam** in the partial fulfillment of the requirements for the degree of MASTER OF SCIENCE in **Plant Physiology and Biochemistry** has satisfactorily completed the project work in the laboratory of Botany department, HVPS Ramniranjan Jhunjunwala College (Autonomous) during the academic year 2022-2023.


PROJECT IN-CHARGE




HOD BOTANY
PRINCIPAL
RAMNIRANJAN JHUNJHUNWALA COLLEGE
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA



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National Rank 1 in Atal Innovation Ranking (ARIIA), by MHRD. Category : Govt Aided Universities (2020)



Date: 24th April, 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Khan Shiba Khatoon Mahboob Alam**, pursuing Masters of Science in Plant Physiology and Biochemistry from HVPS Ramniranjan Jhunjhunwala College, Ghatkopar (West), has successfully completed five months (1st Nov, 2022 to 23rd March, 2023) internship program at DBT-ICT Centre for Energy Biosciences, Mumbai. Her overall performance and conduct were found satisfactory.

Thanking you.

Yours sincerely,

Annamma ..

Dr. Annamma A. Odaneth
Associate Professor
DBT-ICT Centre for Energy Biosciences

ICT MUMBAI

Nathalal Parekh Marg, Matunga, Mumbai - 400 019, India
+91-22-3361-1111/2222(B) Fax : +91-22-3361-1020(B)
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GSTIN : 27AAAT1495111ZG

ICT IOC, BHUBANESWAR

ICT-IOC Odisha Centre, Indian Institute of Technology,
Kharagpur Extension Centre, Near Hotel Swosti Premium,
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GSTIN : 21AAAT1495111ZS

ICT MARATHWADA, JALNA

M/s Beej Sheetal Innovations Centre Private Limited,
BT-6/7, Biotechnology Park, Additional MIDC Area,
Aurangabad Road, Jalna-431 203
email : director@marj.ictmumbai.edu.in
GSTIN : 27AAAT1495111ZG



CERTIFICATE

This is to certify that Miss **Aarti Balu Sinalkar**, student of **Ramniranjan Jhunjhunwala College ,Ghatkopar (West)**, has successfully completed 2 month internship in partial fulfillment of the requirement for the award of the degree of **MASTER'S OF SCIENCE in PLANT PHYSIOLOGY AND BIOCHEMISTRY** at **Metropolis Healthcare Ltd.** from **10-01-2023** to **08-03-2023**, under the guidance of **Pratip Sir** of Department of Clinical Chemistry.



Authorized Signature



Seal of the Organization

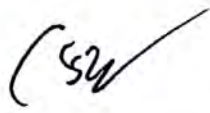
Dr. Aruna Rai AR

Dr. Ajit Katdare - AK


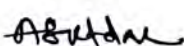
CERTIFICATE

This is to certify that Miss **Aarti Balu Sinalkar**, student of **Ramniranjan Jhunjunwala College ,Ghatkopar (West)**, has successfully completed 2 month internship in partial fulfillment of the requirement for the award of the degree of **MASTER'S OF SCIENCE in PLANT PHYSIOLOGY AND BIOCHEMISTRY** at **INSTITUTE OF CHEMICAL TECHNOLOGY** from **01-11-2022** to **07-01-2023**, under the guidance of **Prof.K.S.Laddha** of Department of Pharmaceutical Science & Technology.




Authorized Signature

Seal of the Organization

Dr. Anura Rai 
Dr. Asit Kulkarni 



INSTITUTE OF CHEMICAL TECHNOLOGY रसायन तंत्रज्ञान संस्था

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National Rank 1 in Atal Innovation Ranking (ARIIA), by MHRD, Category : Govt Aided Universities (2020)



Date: 17th April, 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Neelam Narendra Soni,, pursuing Master's of Science in Plant Physiology and Biochemistry from HVPS Ramniranjan Jhunjhunwala College, Ghatkopar (West), has successfully completed five months (1st Nov, 2022 to 23rd March, 2023) internship program at DBT-ICT Centre for Energy Biosciences, Mumbai. Her overall performance and conduct were found satisfactory.

Thanking you.

Yours sincerely,

Annamma

Dr. Annamma A. Odaneth
Associate Professor
DBT-ICT Centre for Energy Biosciences

ICT MUMBAI

Nathalal Parekh Marg, Matunga, Mumbai - 400 019, India
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email : vc@ictmumbai.edu.in
GSTIN : 27AAAT14951J1ZG

ICT IOC, BHUBANESWAR

ICT-IOC Odisha Centre, Indian Institute of Technology,
Kharagpur Extension Centre, Near Hotel Swasti Premium,
Mouza-Samantpuri, Bhubaneswar-13
email : director@iocb.ictmumbai.edu.in
GSTIN : 21AAAT14951J1ZS

ICT MARATHWADA, JALNA

M/s Beej Sheetal Innovations Centre Private Limited,
BT-6/7, Biotechnology Park, Additional MIDC Area,
Aurangabad Road, Jalna-431 203
email : director@marj.ictmumbai.edu.in
GSTIN : 27AAAT14951J1ZG



CERTIFICATE

This is to certify that Miss. **Neelam Narendra Soni**, student of **HVPS Ramniranjan Jhunjhunwala College, Ghatkopar (West)**, has successfully completed 5 month internship in partial fulfillment of the requirement for the award of the degree of **MASTER'S OF SCIENCE in PLANT PHYSIOLOGY AND BIOCHEMISTRY** at **INSTITUTE OF CHEMICAL TECHNOLOGY** from 1st November 2022 to 23rd March 2023, under the guidance of **Dr. Annamma Anil Odaneth**, the former Co-ordinator of DBT- ICT Centre for Energy Biosciences, and with Miss. Gayatri Pillai as her mentor.

Annamma

Authorized Signature



Institute of Chemical Technology,
Nathalal Parikh Marg, Matunga (East),
Mumbai 400 019, INDIA

Seal of the Organization

Dr. Avana Ravi *AR*
Dr. Ajit Kaldare *AK*

CERTIFICATE

This is to certify that **Mr Dilip Babaji Satpute**, student of **Ramniranjan Jhunjhunwala College, Ghatkopar (West)**, has successfully completed 6 month internship in partial fulfillment of the requirement for the award of the degree of **MASTER'S OF SCIENCE in PLANT PHYSIOLOGY AND BIOCHEMISTRY** at our institute from 1st Octo 31th 2022, under the guidance of _____, operation March 2023 supervisor of _____.



Seal of the Organization


07/04/2023

Authorized Signature

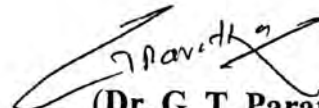
Dr. Aruna Rai Rai
Dr. Ajit Katdare - Ajitdare

Date: / / 2023

CERTIFICATE

I certify that the research work presented in this thesis titled “**Assessment of Quality on Gluten free products**” has been carried out by Ms. Rani Rajesh Mishra, Roll no- 108 under my supervision and this is her bonafide work. The research work is original and has not been submitted for any other degree of this or any other University. Further, she was a regular student and has worked under my guidance as a full-time student from Nov 2022 to April 2023 at NutraHelix Biotech Pvt. Ltd. until the submission of the thesis to Ramniranjan Jhunjhunwala College.

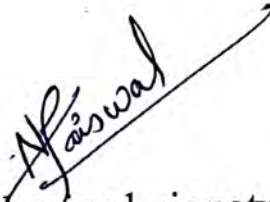
Date:
Place: Navi Mumbai


(Dr. G. T. Paratkar)
Director
NutraHelix Biotech Pvt. Ltd




CERTIFICATE

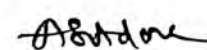
This is to certify that Miss Saira Mohd Yusuf Bartanwala , Student of Ramniranjan Jhunjhunwala College, Ghatkopar (west) has successfully completed internship in partial fulfillment of the requirement for the award of the degree in MASTER OF SCIENCE, in PLANT PHYSIOLOGY AND BIOCHEMISTRY at The President English High School and Jr. College, Mumbra under the guidance of Ms. Namrata Jaiswal.


Authorized signature.
organization


Internship Report

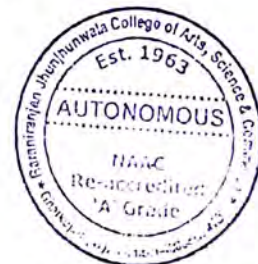
Saira Mohd Yusuf Bartanwala

Dr. Aruna Rai 

Dr. Ajit Katdare - 

Seal of
The College


PRINCIPAL
RAMNIRANJAN JHUNJHUNWALA COLLEGE
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA



HINDI VIDYA PRACHAR SAMITI'S
RAMNIRANJAN JHUNJHUNWALA COLLEGE
GHATKOPAR (WEST), MUMBAI 400086



CERTIFICATE

THIS IS TO CERTIFY THAT
THE PROJECT WORK ENTERED IN THIS REPORT IS
DONE IN THE RESEARCH LABORATORY
OF
BANARAS HINDU UNIVERSITY
BY THE STUDENT
ANSHU BHOLENATH PRAJAPATI
OF MSC PART II
DURING THE ACADEMIC YEAR 2022-2023

PROJECT IN -CHARGE

P. Chitric
2/5/23
Dr. Saanchita Chaudhary
External Examiner

[Signature]
03/05/2023

Dr. Bindu Gopal Mishra
External Examiner

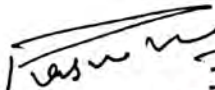
HOD BOTANY

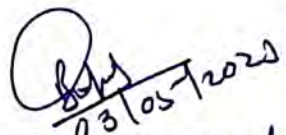


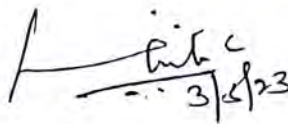
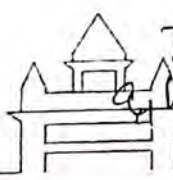
30th March, 2023

CERTIFICATE

This is to certify that Ms. Priti Dinesh Kumar Patel, student of Ramniranjan Jhunjhunwala College, Ghatkopar (West), has successfully completed her internship in partial fulfilment of the requirement for the award of the degree of MASTER OF SCIENCE in PLANT BIOTECHNOLOGY AND CYTOGENETICS in the Laboratory of Cyanobacterial Systematics and Stress Biology, Department of Botany, Banaras Hindu University, Varanasi-221005, Uttar Pradesh from November, 2022 to March 2023. During course of her internship, she has worked on the topic "Polyphasic assessment of heterocytous cyanobacterial strain K-N-15 using morphological and molecular methods". Without any doubt, I am struck by her integrity, compassion, and commitment for learning, improving herself and developing as a good human being. I wish her grand success in her life and all her future endeavors.


30/03/23
(PRASHANT SINGH) DR. PRASHANT SINGH
ASSISTANT PROFESSOR
DEPARTMENT OF BOTANY
INSTITUTE OF SCIENCE
BANARAS HINDU UNIVERSITY
VARANASI-221005



03/05/2023
Dr. Bindu C. Fulkesha
External Examiner.

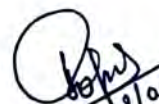

3/5/23
Dr. Sanchita Choudhury
External Examiner

BHU
capital of knowledge

CERTIFICATE

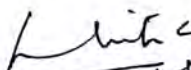
This is to certify that **Mr Rahul Yuvraj Dalavi**, student of **Ramniranjan Jhunjhunwala College, Ghatkopar (West)**, has successfully completed 6 month internship in partial fulfillment of the requirement for the award of the degree of

MASTER'S OF SCIENCE in PLANT BIOTECHNOLOGY & CYTOGENETICS at our institute from 1st octo 31st march, under the guidance of Umesh, operation supervisor of manish Raut
Nanded 2022 2023


07/10/2023
Authorized Signature


03/05/2023
Dr. Bindu Gopalkrishnan
External Examiner




3/5/23
Dr. Sanchita Chavhan
Seal of the Organization
External Examiner

CERTIFICATE

Date :- 07th April 2023.

This is to certify that Mr. Rahul Yuvraj Dalavi, student of Ramniranjan Jhunjhunwala College, Ghatkopar (West), has successfully completed 6 months internship in partial fulfillment of the requirement for the award of the degree of MASTER'S OF SCIENCE IN PLANT BIOTECHNOLOGY & CYTOGENETICS.

At our institute from 1st October 2022 to 31st March 2023, under the guidance of Mr. Umesh Navander, Operation supervisor of Mr. Manish Raut.



Authorized Signature



Seal of the Organization



गौरीक विज्ञान प्रकर्ष केन्द्र

मुवि -पऊवि मौलिक विज्ञान प्रकर्ष केंद्र
UM-DAE Centre for Excellence in Basic Sciences

Registered under the Society Registration Act, 1860

Avinash Kale, PhD

Date: April 28, 2023

Reader

Certificate

This is to certify that Miss Sonali Ashok Dubey, student of MSc (Cytogenetics and Plant Biotechnology), Ramniranjan Jhunjhunwala College of Arts, Science & Commerce, Mumbai has completed six months training / research project at School of Chemical Sciences, UM-DAE Centre for Excellence in Basic Sciences, Mumbai during the academic year 2022-23.

She has completed the dissertation work entitled "SPECTROSCOPY-BASED STUDY OF ACTIN DEPOLYMERIZATION DYNAMICS" for the partial fulfilment of MSc. (Biotechnology) degree.

This carefully written report represents the experiments and literature related to the same carried out by her during the period from November 1, 2022 to April 15, 2023.

I found Miss Sonali Ashok Dubey to be a sincere and hard-working student. Her overall conduct was excellent and it was pleasure to have her in my group.

Avinash Kale



Handwritten signature
3/5/23
Dr. Parvate Chandhuri
External Examiner

Handwritten signature
03/05/2023
Dr. Bindu Gopalkrishna
External Examiner

पता: सीईबीएस बिल्डिंग, मुंबई विश्वविद्यालय, विद्यानगरी परिसर, सांताक्रूझ (पूर्व), मुंबई 400098

Address: CEBS Building, University of Mumbai, Vidyanagari Campus, Santacruz (E),

Mumbai 400098

CERTIFICATE

This is to certify that Miss. **Nidhi Shankarlal Gupta** student of **Ramniranjan Jhunjhunwala College**, Ghatkopar (West), has successfully completed 3 month internship in partial fulfillment of the requirement for the award of the degree of **MASTER'S OF SCIENCE in PLANT BIOTECHNOLOGY AND CYTOGENETICS** at **METROPOLIS HEALTH CARE LIMITED** from **12-01-2023** to **24-04-2023**, under the guidance of **Mr. Vinit Indulkar**, Head of operation supervisor of **Clinical Trial**.



24.04.2023.

Authorized Signature

Dr. Sanchita Chandhuri

Internal Examiner



Seal of the Organization

Dr. Bindu Profulkar
External Examiner

CERTIFICATE**Date: 27/04/2023**

This is to certify that Miss Vandana Ramkumar Jaiswal, student of Ramniranjan Jhunjhunwala College, Ghatkopar (West) has successfully completed 6 month internship in partial fulfillment of the requirement for the award of degree of MASTERS'S OF SCIENCE in Plant Biotechnology and Cytogenetics at HiMedia Laboratories Pvt. Ltd. from 27th October 2022 to 27th April 2023 with guidance of Mr. Siddharth Pore & Miss Samruddhi Gupte under supervision of Mr. Pramod Sable.

**Authorized Signature****Seal of the Organization**

CERTIFICATE

This is to certify that Miss. **Vandana Rajkumar Jaiswal**, student of **Ramniranjan Jhunjhunwala College**, Ghatkopar (West), has successfully completed 6-month internship in partial fulfillment of the requirement for the award of the degree of **MASTER'S OF SCIENCE** in **PLANT CYTOGENETICS AND BIOCHEMISTRY** at **HIMEDIA LABORATORIES PRIVET LIMITED** from 27thOctober,2022 to 27thApril,2023 under the guidance of Sidharth Pore and Samrudhhi Gupte operation supervisor of Pramod Sable.

