

<u>SR.NO.</u>	<u>NAME OF STUDENTS</u>	<u>DEPARTMENT</u>	<u>SESSION</u>
1	POOJA SHARMA	BIOTECHNOLOGY	2019-20
2	GEETA	BIOTECHNOLOGY	2019-20
3	JEANNIE SHARMA	BIOTECHNOLOGY	2019-20
4	ANUSHKA	BIOTECHNOLOGY	2020-21
5	AISHWARYA	BIOTECHNOLOGY	2019-20
6	SHALU SHARMA	BIOTECHNOLOGY	2019-20
7	AARTI	BIOTECHNOLOGY	2019-20
8	BHAWANA SHARMA	BIOTECHNOLOGY	2019-20
9	PRIYA SHARMA	BIOTECHNOLOGY	2019-20
10	RITIKA CHAUDHARY	BIOTECHNOLOGY	2020-21
11	MUSKAN	BIOTECHNOLOGY	2020-21
12	DIVYA KAUSHIK	BIOTECHNOLOGY	2020-21
13	VAISHALI SINGH	BIOTECHNOLOGY	2020-21
14	ANUJ SHARMA	BIOTECHNOLOGY	2020-21
15	DANISH	BIOTECHNOLOGY	2020-21
16	RAKHI SHARMA	BIOTECHNOLOGY	2020-21
17	AAKANSHA	BIOTECHNOLOGY	2020-21
18	NISHA CHAUDHARY	BIOTECHNOLOGY	2020-21
19	NISHA	BIOTECHNOLOGY	2020-21
20	GUNJAN TYAGI	BIOTECHNOLOGY	2017-18
21	LALIT GARG	BIOTECHNOLOGY	2019-20
22	NEHA BHARDWAJ	BIOTECHNOLOGY	2017-18
23	PRIYANKA	BIOTECHNOLOGY	2017-18
24	DEEPIKA SHIDHU	BIOTECHNOLOGY	2017-18
25	NEHA PAL	BIOTECHNOLOGY	2017-18
26	MANISH KUMAR	BIOTECHNOLOGY	2020-21
27	ANUSHKA VATS	BIOTECHNOLOGY	2017-18
28	AARTI	LIBRARY & INFO. SCI.	2017-18
29	ARUN TYAGI	LIBRARY & INFO. SCI.	2017-18
30	MEGHA	LIBRARY & INFO. SCI.	2016-17
31	SWETA SINGH	LIBRARY & INFO. SCI.	2016-17
32	ANSHU SHARMA	LIBRARY & INFO. SCI.	2016-17

33	AARTI CHAUDHARY	LIBRARY & INFO. SCI.	2018-19
34	PREETI SIROHI	LIBRARY & INFO. SCI.	2018-19
35	AJEET PAL	LIBRARY & INFO. SCI.	2018-19
36	PRIYA	LIBRARY & INFO. SCI.	2016-17
37	NEHA GOEL	LIBRARY & INFO. SCI.	2016-17
38	NEETU CHAUDHARY	LIBRARY & INFO. SCI.	2017-18
39	NEETU	LIBRARY & INFO. SCI.	2017-18
40	ARTI	LIBRARY & INFO. SCI.	2017-18



Department of Biotechnology
Multinimal Modi College, Modinagar-201204 (U.P.)

(A NAAC ACCREDITED COLLEGE)

(Affiliated to C.C.S. University, Meerut)

Website: www.mmcmodinagar.ac.in

Email: info@mmcmodinagar.ac.in

No.
Date: 9 Dec 2024

CERTIFICATE

This is to certify that dissertation entitled "*Ampelomyces Quisqualis* isolation, **identification, mass production and its potentiality against powdery mildew disease in crops**" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinimal Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Pooja Sharma during 2019-20** and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.


(Ms. Richa Yadav)
Internal Supervisor
Department of Biotechnology


(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



National Institute of Biologicals
Ministry of Health and Family Welfare, Government of India




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Institutional Area,
NOIDA-201 309 (U.P.), INDIA.
Phone: +91 0120 2400022, 2400072
Fax: +91 0120 2403014
E-mail: info@nib.gov.in

Date: 24.09.2020

CERTIFICATE

This is to certify the project report entitled "**Microbiological monitoring of clean rooms of cell culture, Handling and maintenance of cell line and Potency Assay of Rituximab**" submitted to National Institute of Biologicals, Noida, Uttar Pradesh is a bonfide record of the work carried out by **Geeta** at the National Institute of Biologicals, Noida, U.P, under the co. supervision of **Mr. Subhash Chand, Scientist-III, Therapeutic Monoclonal Antibody Laboratory, from 2nd January 2020 to June 2020.**

No part of this report has been reproduced elsewhere for any degree or diploma to the best of my knowledge and belief. The project work done by **Geeta** shall not be published in any form by the individual or other concerned without explicit permission of the institute.


Co-Supervisor

Mr. Subhash Chand

(Scientist-III)

TAL, NIB


Supervisor

Dr. Ratnesh K. Sharma

(Scientist-II)

TA L, NIB


LAB HEAD

Dr. Charu M. Kamal

(Scientist-II)

TAL, NIB



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01232-243492(O)

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(Affiliated to C.C.S. University, Meerut)

Website: www.mmcmadinagar.ac.in

Email: info@mmcmadinagar.ac.in


f. No.....

Dated: 9 DEC 20

CERTIFICATE

This is to certify that dissertation entitled “**Microbiological monitoring of clean rooms for cell culture, handling and maintaining of suspension cell lines (WIL2S & TF1.28) and potency assay of Rituximab**” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinational Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Geeta** during 2019-20 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.


(Ms. Priyanka Verma)
Internal Supervisor
Department of Biotechnology


(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology

DAYAL BIOTECH (P) LIMITED

Delhi Road, Partapur, Meerut - 250 103
0121-2440028, 2440130-132, Toll Free : 1800 270 1979
www.dayalgroup.com biotech@dayalgroup.com
CIN : U74899DL1988PTC032560

November 24, 2020

TO WHOM IT MAY CONCERN

is to certify that **Ms. Pooja Sharma** D/o Sh. Sanjay Sharma student of M.Sc. (Biotechnology) at M.M. College Modinagar (C.C.S University) has undergone Internship from January 01, 2020 to June 30, 2020 in the Biotechnology Lab of our Organization. During the Internship she worked on the project titled "Ampelomyces Quisqualis Isolation, Identification, Mass Production and Its Potentiality Against Powdery Mildew Disease in Crops".

During this period her conduct & behavior has been found satisfactory.

We wish her great success in her future endeavors.

Dayal Biotech (P) Limited


Neeraj Saran Srivastava
Assistant Vice President
Human Capital & Administration

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Department of Biotechnology
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Website: www.nmcmodinagar.ac.in

Email: info@nmcmodinagar.ac.in

9 DEC 2020

Dated:

No.....

CERTIFICATE

This is to certify that dissertation entitled “**Microbial analysis and quality control of milk collected from various area of Bulandshahr**” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Jeannie Sharma** during 2019-20 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Priyanka Verma)

Internal Supervisor

Department of Biotechnology

(Dr. Ravi Kumar)

Coordinator

Department of Biotechnology

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Jeannie Sharma** has successfully completed project work on "Microbial analysis and Quality Control of milk collected from various area of Bulandshahr"

Her training stint was carried out during the period **January 2020 to June 2020**. She has submitted her project report to my satisfaction.

I wish her all the best in her studies and professional career.

For Saahaj Milk Producer Co. Ltd



Puñeet Sharma

Plant in Charge

SAHAJ MILK PRODUCER COMPANY LIMITED

रजिस्टर्ड कार्यालय: ग्रॉस रोड्स मॉल, द्वितीय तल, प्लॉट नं. 5 एवं 6, सेक्टर-13, आवास विकास कॉलोनी,

सिकन्दरा योजना, सिकन्दरा-बोदला रोड, आगरा-282007, उत्तर प्रदेश, भारत

दूरभाष: 0562-6623300, ई-मेल: info@saahajmilk.com, वेबसाइट: www.saahajmilk.com, सिन U01403UP2014PTC066595

Registered Office : Cross Roads Mall, 2nd Floor, Plot No. 5 & 6, Sector-13, Avas Vikas Colony,

Sikandra Yojna, Sikandra-Bodla Road, Agra-282007, Uttar Pradesh, India

Ph: 0562-6623300, email: info@saahajmilk.com, Website : www.saahajmilk.com, CIN U01403UP2014PTC066595



FACULTY OF AGRICULTURE

कृषि संकाय

श्री० चरण सिंह विश्वविद्यालय, मेरठ (उ०प्र०) भारत
CH. CHARAN SINGH UNIVERSITY, MEERUT (U.P.) India

Prof. Shailendra S. Gaurav
DEAN

Ref. No.

Date: 2/11/2020

CERTIFICATE

This is to certify that the thesis entitled "Evaluation of Nano-toxicity caused by Silver and Zinc Naopesticides in Tomato (*Solanum lycopersicum* L.)" submitted for the partial fulfilment of requirement for the degree of Master of Science in Biotechnology of Ch. Charan Singh University, Meerut (UP) is a bona-fide dissertation work carried out by Miss Anushka (A bonafide M.Sc. student of M.M. P.G. Degree College, Modinagar, UP) under my guidance and supervision and that no part of this thesis has been submitted for any other degree or diploma. The assistance and help received during the course of this investigation have been fully acknowledged.


2/11/2020
Dr. (Shailendra S. Gaurav)
Dean, Faculty of Agriculture
Prof. & Ex.-Head, Department of Genetics & Plant Breeding



Prof. S. S. GAURAV
DEAN
Faculty of Agriculture
Ch. Charan Singh University
Meerut-250004 (UP) India



Department of Biotechnology
Multinational Modi College, Modinagar-201204 (U.P.)

(A NACC ACCREDITED COLLEGE)

(Affiliated to C.C.S. University, Meerut)

Website: www.mmcmadinagar.ac.in

Email: info@mmcmadinagar.ac.in

9 SEP 2022
Dated:

No.

CERTIFICATE

This is to certify that dissertation entitled "**Evaluation of Nano-toxicity caused by Silver and Zinc nanopesticides in potato (*Solanum tuberosum L.*) and tomato (*Solanum lycopersicum L.*)**" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinational Modi college, Modinagar - 201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Anushka** during 2019-20 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Richa Yadav)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



Department of Biotechnology
Multinational Modi College, Modinagar-201204 (U.P.)

(A NACC ACCREDITED COLLEGE)

(Affiliated to C.C.S.University,Meerut)

Website: www.mmmodinagar.ac.in

Email: info@mmmodinagar.ac.in

9 DEC 2020

Dated:

Ref No.....

CERTIFICATE

This is to certify that dissertation entitled "**Studies on protease production and its optimization by fungal isolates**" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinational Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Aishwarya** during 2019-20 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Priyanka Verma)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology

CERTIFICATE

This is to certify that the Project entitled "STUDIES ON PROTEASE PRODUCTION AND ITS OPTIMIZATION BY FUNGAL ISOLATES" submitted in partial fulfillment for the award of the Degree of M.Sc. (BIOTECHNOLOGY) from M.M.P.G.COLLEGE, MODINAGAR is a record of research work carried out by **MS. AISHWARYA** from 05th OCTOBER 2019 to 16th March 2020 under my guidance and supervision.

All the help and assistance received during the course of this investigation have been duly acknowledged.

Dated : 25/06/2020

Place : Noida

No : CBPL2020/112


(Dr. Tripti Bhatnagar)

Managing Director

Codon Biotech Pvt. Ltd.

Noida

Tel: 01232-251025 (O)
01232-243492(O)



Department of Biotechnology
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Website: www.mmcmodinagar.ac.in

Email: info@mmcmodinagar.ac.in

9 DEC 2020

Dated:

f. No.....

CERTIFICATE

This is to certify that dissertation entitled “**Comparative studies on crude drug *Boerahaavia diffusa* Linn. and its adulterant *Trianthema portulacastrum* Linn.**” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, **Multanimal Modi college, Modinagar -201204**, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Shalu Sharma** during 2019-20 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Anjali Rajpoot)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



Multanimal Modi College, Modinagar-201204 (U.P.)

(Affiliated to C.C.S.University,Meerut)

CERTIFICATE

This is to certify that **Ms. Shalu Sharma D/O Mr. Mahesh Sharma** student of **M.Sc Biotechnology** from **M.M. College, Modinagar** has undergone internship from 14.03.20 To 30.10.20 in the Botany Department Lab in our organization and where ever it was required. During the internship. She worked on the project titled "**COMPARRATIVE STUDIES OF CRUDE DRUGS *Boerhaavia diffusa* L. AND ITS ADULTRANTS *Trianthema portulacastrum* L.** She sincerely did the work regularly and reported time to time.

During this period her conduct and behavior has been found satisfactory.

We wish her great success in her future.

DR AMAR SINGH KASHYAP

ASSISTANT PROFESSOR

DEPARTMENT OF BOTANY

(Post Graduate & Research)

M. M. COLLEGE , MODINAGAR



Bharat Immunologicals & Biologicals Corporation Limited
(A Govt. of India Undertaking)

BIBCOL

OPV Plant: Village – Chola, Bulandshahr – 203203 (U.P.), India
Corporate Identity Number: L24232UP1989GOI010542

Certificate No.BIB/training/187/2020

Date: 10.07.2020

CERTIFICATE

This is to certify that **Ms. Aarti, D/o Mr. Indra Pal Singh, student of M.Sc. Biotechnology, Multanimal Modi College, Modinagar, U.P.**, has undergone project work titled “**Bivalent Oral Polio Vaccine(bOPV) Production and its Quality Control**” from **10.01.2020 to 09.07.2020.*** in BIBCOL. The work carried out by the candidate is property of BIBCOL and not the matter of publication in any condition.


Coordinator




In-Charge
Dr. Shweta Gupta
Dy. General Manager (O.C.)
Bharat Immunologicals & Biologicals
Corporation Limited (BIBCOL)
(A Govt. of India Undertaking)

Tel: 01232-251025 (O)
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Department of Biotechnology
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(Affiliated to C.C.S. University, Meerut)

Website: www.mmcmadinagar.ac.in

Email: info@mmcmadinagar.ac.in

9 DEC 2020

Dated:

Ref. No.....

CERTIFICATE

This is to certify that dissertation entitled "**Bivalent oral Polio Vaccine production and its quality control**" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Aarti during 2019-20 and that** no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Richa Yadav)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology

Tel: 01232-251025 (O)
01232-243492(O)



Department of Biotechnology
Multinational Modi College, Modinagar-201204 (U.P.)

(A NACC ACCREDITED COLLEGE)

(Affiliated to C.C.S.University,Meerut)

Website: www.mmcmadinagar.ac.in

Email: info@mmcmadinagar.ac.in

9 DEC 2020

Dated:

No.....

CERTIFICATE

This is to certify that dissertation entitled “ **Quality Control Parameters and Regulatory Requirements on Bivalent Oral Polio Vaccine**” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinational Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Bhawana Sharma** during 2019-20 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.


(Ms. Priyanka Verma)

Internal Supervisor

Department of Biotechnology


(Dr. Ravi Kumar)

Coordinator

Department of Biotechnology



Bharat Immunologicals & Biologicals Corporation Limited
(A Govt. of India Undertaking)
BIBCOL OPV Plant: Village – Chola, Bulandshahr – 203203 (U.P.), India
Corporate Identity Number: L24232UP1989GOI010542

Certificate No. BIB/training/189/2020

Date: 10.07.2020

CERTIFICATE

This is to certify that **Ms. Bhawana Sharma, D/o Mr. Dharmveer Sharma, student of M.Sc. Biotechnology, Multanimal Modi College, Modinagar, U.P.**, has undergone project work titled **“Quality Control Parameters and Regulatory Requirements on Bivalent Oral Polio Vaccine”** from **13.01.2020 to 10.07.2020.*** in BIBCOL. The work carried out by the candidate is property of BIBCOL and not the matter of publication in any condition.

Coordinator

InCharge
Dy. General Manager (O.C.)
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Corporation Limited (BIBCOL)
(A Govt. of India Undertaking)
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Department of Biotechnology
Multanimal Modi College, Modinagar-201204 (U.P.)

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Website: www.mmcmadinagar.ac.in

Email: info@mmcmadinagar.ac.in

9 DEC 2020

E No.....

Dated:

CERTIFICATE

This is to certify that **dissertation** entitled “**Effects of plant extracts on post-harvest fungal diseases of fruits and vegetables**” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Priya Sharma** during 2019-20 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Priyanka Verma)

Internal Supervisor

Department of Biotechnology

(Dr. Ravi Kumar)

Coordinator

Department of Biotechnology

CERTIFICATE

This is to certify that the Project entitled "EFFECT OF PLANT EXTRACTS ON POST HARVEST FUNGAL DISEASES OF FRUITS AND VEGETABLES" submitted in partial fulfillment for the award of the Degree of M.Sc. (BIOTECHNOLOGY) from M.M.P.G.COLLEGE, MODINAGAR is a record of research work carried out by **MS. PRIYA SHARMA** from 05th OCTOBER 2019 to 16th March 2020 under my guidance and supervision.

All the help and assistance received during the course of this investigation have been duly acknowledged.

Dated : 25/06/2020

Place : Noida

No : CBPL2020/111


(Dr. Tripti Bhatnagar)

Managing Director

Codon Biotech Pvt. Ltd.

Noida



Ch. Charan Singh University, Meerut

Department of Genetics and Plant Breeding

Dr. Sachin Kumar

Sr. Assistant Professor

Department of Genetics and Plant Breeding

Faculty of Agriculture

Chaudhary Charan Singh University

Meerut – 250 004 (UP)

Email: sachinkpsingh@gmail.com

Date: 03/09/2021

CERTIFICATE

This is to certify that the thesis entitled “*In silico* characterization of SUMO E3-ligase encoding sequence in some monocot and dicot species” submitted for the partial fulfilment of the requirements for the degree of **Master of Science in Biotechnology** of Multanimal Modi College, Modinagar affiliate to Ch. Charan Singh University, Meerut, Uttar Pradesh is a record of **bonafide research work carried out by Ritika Chaudhary under my guidance and supervision** and that no part of this research work has been submitted for any other degree or diploma.

The assistance and help received during the course of this investigation have been fully acknowledged.

(Sachin Kumar)



Department of Biotechnology
Multanimal Modi College, Modinagar-201204 (U.P.)

(A NACC ACCREDITATED COLLEGE)

(Affiliated to C.C.S. University, Meerut)

Website: www.mmcmodinagar.ac.in

Email: info@mmcmodinagar.ac.in

Ref. No.

Dated:

14 SEP 2021

CERTIFICATE

This is to certify that dissertation entitled "***In silico* characterization of SUMO E3-ligase encoding sequence in some monocot and dicot species**" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms Ritika Chaudhary** during 2020-21 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Richa Yadav)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



INDIAN PHARMACOPOEIA COMMISSION

INDIAN PHARMACOPOEIA LABORATORY

Ministry of Health & Family Welfare, Government of India

Sector-23, Raj Nagar, Ghaziabad- 201 002.

Tel No: 0120- 2783392, 2783400, 2783401; Fax: 2783311

Mail: ipclab@vsnl.net, Web: www.ipc.gov.in

CERTIFICATE

This is to certify that **Ms. Muskan** student of M.Sc. Biotechnology 4th Semester, Multanil Modi College, Modinagar, Ghaziabad has done project work entitled "**In Vitro Antimicrobial Activity Of Ozenoxacin And Its Formulation Against Some Human Pathogenic Microorganism**" at Microbiology Division of Indian Pharmacopoeia Commission, Ministry of Health & Family Welfare, Government of India, Raj Nagar, Ghaziabad from 1st February 2021 to 30th June 2021, under the Overall guidance of **Dr. M. K. Pandey**.

Ms. Muskan has successfully completed her project work. During the period of training she was found sincere, punctual and regular. Her conduct and behaviour was good.

Supervisor


(Dr. M. K. Pandey) 26/7/21

Senior Scientific Officer
Microbiology Division
Indian Pharmacopoeia Commission
Ghaziabad, U.P.

Co-supervisor


(Dr. Meenakshi Dahiya) 28/7/21

Principal Scientific Officer
QA Head & Training In-charge,
Indian Pharmacopoeia Commission
Ghaziabad, U.P.



Tel: 99332 251825 (09)
91232 241492(09)

Department of Biotechnology
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Website: www.mmcmodinagar.ac.in
Email: info@mmcmodinagar.ac.in

Ref No: _____

Dated: _____

14 SEP 2021

CERTIFICATE

This is to certify that dissertation entitled "In vitro Antimicrobial Activity of Ozonoxacin and its formulation against some Human pathogenic microorganisms" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by Ms. Muskan during 2020-21 and that no part of this Dissertation report has been submitted for any other degree or diploma of any University.

(Ms. Anjali Rajpoot)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



Tel: 01232-251025 (O)
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Department of Biotechnology
Multinimal Modi College, Modinagar-201204 (U.P.)

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Website: www.mmcmodinagar.ac.in

Email: info@mmcmodinagar.ac.in

Ref. No.

Dated:

14 SEP 2021

CERTIFICATE

This is to certify that dissertation entitled “**Emerging use of Nanotechnology in COVID-19: A bibliometric analysis**” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinimal Modi college, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms Divya Kaushik** during 2020-21 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Richa Yadav)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



Dated: 02.09.2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. DIVYA KAUSHIK** a Student of M.Sc. Biotechnology 4th semester from **Multanimal Modl College, Modinagar (UP)** affiliated to **Ch. Charan Singh University, Meerut** has successfully completed her training from January to June, 2021 at National Institute of Science, Communication & Policy Research (NIScPR) erstwhile, NISTADS.

She worked under the topic "EMERGING USE OF NANOTECHNOLOGY IN COVID-19: A BIBLIOMETRIC ANALYSIS".

She has successful completed her training. During the time of her internship program with us, she was found hardworking and inquisitive.

This certificate is being issued to her on her own request.

We wish her every success in life.

M. Bhat
02.09.2021

Supervisor Signature
(Dr. Madhulika Bhatl)
CSIR-NIScPR

M. K. 3/9/21
Authorized Signature.

National Institute of Science

Communication and Policy Research (NIScPR)

डी. के. एस. कृष्णन मार्ग, पुस्तक भवन, नई दिल्ली-110012

Dr. K. S. Krishnan Marg, Pustak Bhawan, New Delhi-110012



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राष्ट्रीय पादप जीनोम अनुसंधान संस्थान
(An Institute of Science, Research and Education for the Benefit of Society)

NATIONAL INSTITUTE OF PLANT GENOME RESEARCH

The Autonomous Institute of the Department of Biotechnology, Ministry of Science and Technology, Government of India

राष्ट्रीय जीनोम अनी संस्थान, वी. वाणनी-1, 10007, नई दिल्ली-110007
Acadmic Area/ All Bldgs, Post Box Number 10071, New Delhi-110007

डी. आशुतोष पाण्डेय, केवरी
रकार वैज्ञानिक

Dr. Ashutosh Pandey, PhD
Staff Scientist

Date: July 15, 2021

CERTIFICATE

This is to certify that the **disertation submitted by Ms. Vasishth Singh on the topic "Identification and Cloning of Repressor Protein Involved in the Flavonoid Biosynthesis in *Musa acuminata*"** is a research work done by her during a period of three months from 01/12/2020 to 30/3/2021 under my supervision and guidance at National Institute of plant genome research (NIPGR). This work was carried out in partial fulfillment for the award of the M.Sc. Biotechnology Degree from Maharashtra Mahatma College Maharashtra (Chhatrapati), CCS University Meerut, India. The number embossed in this report has not been submitted for award of any other degree.

Signature of the Supervisor.

Dr. Ashutosh Pandey
Staff Scientist

राष्ट्रीय जीनोम अनुसंधान संस्थान
वैज्ञानिक
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Department of Biotechnology
Mulhannal Modi College, Modinagar-201204 (U.P.)

(A NAAC ACCREDITED COLLEGE)
(Affiliated to C. U. S. University, Meerut)

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Email: info@mulhannalmodi.ac.in

Ref No.

Date:

14 SEP 2021

CERTIFICATE

This is to certify that dissertation entitled "**Talentification and Cloning of repressor proteins involved in flavonoid biosynthesis in *Musa acuminata***" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Mulhannal Modi college, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Mr. Vatslav Singh during 2020-21 and that no part of this Dissertation report has been submitted for any other degree or diploma of any University.**

(Mr. Anjali Rajpoot)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



Tel: 01232-251025 (O)
01232-243492(O)

Department of Biotechnology

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Website: www.mammodinagar.ac.in

Email: info@mammodinagar.ac.in

Ref. No.

Dated:

14 SEP 2021

CERTIFICATE

This is to certify that dissertation entitled “**Studies on Bioethanol production from lignocellulosic biomass by submerged fermentation**” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinimal Modi college, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Mr. Anuj Sharma** during **2020-21** and that no part of this Dissertation/report has been submitted for any other degree or diploma of any University.

(Ms. Anjali Rajpoot)

Internal Supervisor

Department of Biotechnology

(Dr. Ravi Kumar)

Coordinator

Department of Biotechnology

CERTIFICATE

This is to certify that the Project entitled "STUDIES ON BIOETHANOL PRODUCTION FROM LIGNOCELLULOSIC BIOMASS BY SUBMERGED FERMENTATION" submitted in partial fulfillment for the award of the Degree of M.Sc. (BIOTECHNOLOGY) from MUL T ANIMAL MODI POST GRADUATE COLLEGE, MODINAGAR, is a record of research work carried out by **ANUJ SHARMA from 01st MARCH 2021 TO 20th APRIL 2021** and then from 01st JUNE 2021 TO 12th JULY 2021 under my guidance and supervision

All the help and assistance received during the course of this investigation have been duly acknowledged.

Dated : 16/08/2021
Place : Noida
No : CBPL2021/113



(Dr. Tripti Bhatnagar)
Managing Director
Codon Biotech Pvt. Ltd.
Noida

14th Aug. 2021**Certificate**

This is to certify that the dissertation work entitled "Assessment of Bactericidal Properties of *Azadirachta indica* and its Biochemical Characterization" is submitted by **Mr. Danish, s/o Mr. Rabis Ahmed, to the Faculty of Biotechnology, Multinational Modi College, Meerut** in partial fulfillment of the requirement for the degree of M.Sc. **Biotechnology**. It is a record of work carried by him under the supervision of **MrAbhinav Singh, Assistant Professor, Department of Biotechnology & Microbiology, Meerut Institute of Engineering & Technology, Meerut**. The component of this dissertation, in full or in parts, has not been submitted to any other Institute or University for the award of any degree.



(Supervisor)

MrAbhinav Singh
Assistant Professor
MIET, Meerut



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Ref. No.

Dated:

14 SEP 2021

CERTIFICATE

This is to certify that dissertation entitled "**Bactericidal properties of Azadirachta Indica and its biochemical characterization**" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinimal Modi college, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Mr. Danish during 2020-21** and that no part of this Dissertation report has been submitted for any other degree or diploma of any University.

(**Ms. Anjali Rajpoot**)
Internal Supervisor
Department of Biotechnology

(**Dr. Ravi Kumar**)
Coordinator
Department of Biotechnology

CERTIFICATE

This is to certify that the study conducted by **Ms. Rakhi Sharma, Enrollment No. M13821338**, during 2019-2021 as reported in the present thesis was under the guidance and supervision. The results reported by her are genuine and the candidate himself has written the script of the thesis. His thesis entitled, "**Screening of Orange Pulp for Antimicrobial activity against Microbes Isolated From Cot Matters**", is therefore being forwarded for the acceptance in partial fulfillment of the requirements for the award of the degree of **Master Science in Biotechnology of the Department of Biotechnology and Microbiology, M.L.E.T. Meerut**, affiliated to **Ch. Charan Singh University, Meerut**.

Internal Supervisor

Dr. Soniya Sharma

Assistant Professor

Department of Biotechnology & Microbiology

M.L.E.T.

Meerut (U.P)

Principal

Dr. Shalini Sharma

Department of Biotechnology & Microbiology

M.L.E.T.

Meerut (U.P)



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Ref. No.

Dated:

14 SEP 2021

CERTIFICATE

This is to certify that dissertation entitled "Screening of Orange pulp for Antimicrobial activity against microbes isolated from Cot Mattress" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinational Modi college, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Rakhi Sharma during 2020-21** and that no part of this Dissertation report has been submitted for any other degree or diploma of any University.

(Ms. Anjali Rajpoot)

Internal Supervisor

Department of Biotechnology

(Dr. Ravi Kumar)

Coordinator

Department of Biotechnology

Principal

Biotechnology & Microbiology Programme

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Ref. No.

Dated:

14 SEP 2021

CERTIFICATE

This is to certify that dissertation entitled “**Microbiological Adulteration and Mastitis I Examination of Cow Milk**” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinational Modi college, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Akanksha** during **2020-21** and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Richa Yadav)
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(Dr. Ravi Kumar)
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Department of Biotechnology

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CERTIFICATE

This is to certify that dissertation entitled "**In-silico analysis of non-synonymous single nucleotide polymorphisms (nsSNPs) associated with endometrial cancer**" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Muhannadiya College, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafide record of Dissertation work carried out by **Ms. Nisha Chaudhary during 2020-21 and that no part of this Dissertation report has been submitted for any other degree or diploma of any University.**

(Ms. Richa Yadav)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



icmr | **NICPR**
INDIAN COUNCIL OF
MEDICAL RESEARCH | NATIONAL INSTITUTE OF CANCER
RESEARCH AND DIAGNOSIS

CERTIFICATE

This is to certify that **NISHA CHAUDHARY** has worked on the research work entitled "In-silico analysis of non-synonymous single nucleotide polymorphisms (nsSNPs) associated with endometrial cancer" under my supervision and guidance. The contents of the thesis, being submitted to the Department of Biotechnology, Muzaffarnagar College, Muzaffarnagar affiliated to Chaudhary Charan Singh University for the partial fulfillment award of the degree of Masters in Biotechnology are original and have been carried out by the candidate herself during Jan-June, 2021. This thesis has not been submitted in full or part for the award of any other degree or diploma to this or any other university.

DR. SHALINI SINGH
Director

DR. SUBHASH MOHAN AGARWAL
Scientist 'F', Bioinformatics Division

CERTIFICATE

This is to certify that project report entitled "A Study On Spoilage Microflora Of Vegetables And Fruits" submitted to Ch. Charan Singh University, Meerut in partial fulfillment of the requirement for the degree of Master of Science in Biotechnology, is a bonafide research work carried by **Ms. Nisha** under the supervision of Mrs. Megha Sirohi Assistant Professor Department of Biotechnology and Microbiology, CCS University MEERUT.

It is for the certified for the work has not been submitted elsewhere previously for the award of any degree or diploma.



Internal Guide Name
Mrs. Megha Sirohi
Assistant Professor
Department of Biotechnology and
Microbiology
M.I.E.T., Meerut (U.P.)



Dr. Shalini Sharma
Principal
Department of Biotechnology and
Microbiology
M.I.E.T., Meerut (U.P.)

Principal

Biotechnology & Microbiology Program
Meerut Institute of Engineering & Technology
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Date:

14 SEP 2021

CERTIFICATE

This is to certify that dissertation entitled “Screening of a study on Spoilage Microflora of Vegetables and Fruits” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multinimal Modi college, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Nisha** during **2020-21** and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Anjali Rajpoot)

Internal Supervisor

Department of Biotechnology

(Dr. Ravi Kumar)

Coordinator

Department of Biotechnology



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Website: www.mmcmodinagar.ac.in

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Ref. No.

Dated: **02 JUL 2018**

CERTIFICATE

This is to certify that dissertation entitled “**Identification of proteins in lungs of rats exposed to chronic hypobaric hypoxia**” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. Gunjan Tyagi** during **2017-18** and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Priyanka Verma)

Internal Supervisor

Department of Biotechnology

(Dr. Ravi Kumar)

Coordinator

Department of Biotechnology



Defence Institute of Physiology and Allied Sciences

रक्षा शरीरक्रिया एवं रोकथाम विज्ञान संस्थान

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राजधानी रोड, तिमरपुर दिल्ली - 110 054

CERTIFICATE

This is to certify that

**Ms. Gunjan Tyagi Student of M.Sc. Biotechnology, Malaviya
Model (P.G.) College, Modinagar, Ghaziabad** has undertaken
Project work titled "Identification of Proteins in Lung of Rats
Exposed to Chronic Hypobaric Hypoxia" from 01st February 2018 to
11th June 2018 in this establishment.

The work carried out by the candidate is property of DIPAS and
should not be published without prior approval of Director, DIPAS.

Yasmin Ahmad

(Dr. Yasmin Ahmad)

Scientist 'D'

Peptide and Proteomics Division

रक्षा
11 जून, 2018

(Dr. Ramesh C. Meena)

Scientist 'D'

Member, HRD



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Email: info@mmcmodinagar.ac.in

9 DEC 2020

Dated:

Cert. No.....

CERTIFICATE

This is to certify that dissertation entitled “In-vitro evaluation of certain Herbal extracts against various strains of Human Pathogenic Microorganism” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Mr. Lalit Garg** during **2019-20** and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.


(Ms. Richa Yadav)
Internal Supervisor
Department of Biotechnology


(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



INDIAN PHARMACOPŒIA COMMISSION
INDIAN PHARMACOPŒIA LABORATORY
Ministry of Health & Family Welfare, Government of India
Sector-23, Raj Nagar, Ghaziabad - 201 002
Tel N: 0120- 2783392, 2783400, 2783401; Fax: 2783311
Mail: ipc@vsnl.net, Web: www.ipc.gov.in

CERTIFICATE

This is to certify that **Mr. Lalit Garg** student of M.Sc. (Biotechnology), 4th semester, Mulanlmal Modi College, Modinagar has done project work entitled "**In-Vitro Evaluation of Certain Herbal Extracts Against Various Strains of Human Pathogenic Microorganisms**" at Microbiology Division of Indian Pharmacopoeia Commission, Ministry of Health and Family Welfare, Government of India, Raj Nagar, Ghaziabad from 17th February, 2020-20th March, 2020 and from 10th September, 2020 to 10th November, 2020 under the overall guidance of **Dr. A. K. Teotia**.

Mr. Lalit Garg has **successfully completed** his project and submitted the project report. During the period of training he was found sincere, punctual and regular. His conduct and behaviour was good.

Supervisor

(**Dr. A. K. Teotia**)
Principal Scientific Officer
Microbiology Division
Indian Pharmacopoeia Commission
Ghaziabad, UP

Co-Supervisor

(**Dr. Meenakshi Dahiya**)
Senior Scientific Officer
QA Head & Training In-Charge
Indian Pharmacopoeia Commission
Ghaziabad, U.P.



Department of Biotechnology
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Email: info@mammodinagar.ac.in


Ref. No.....

Dated: 02 JUL 2018

CERTIFICATE

This is to certify that dissertation entitled "**LACTIC ACID AND BIOETHANOL PRODUCTION THROUGH FRUIT PEELS WASTE BIOMASS**" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Ms. NEHA BHARDWAJ** during **2017-18 and that no part** of this Dissertation /report has been submitted for any other degree or diploma of any University.


(Ms. Priyanka Verma)
Internal Supervisor
Department of Biotechnology


(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology

Ref. No: BASE/1221

Date : 18 | 6 | 19

CERTIFICATE

This is certified that the project work entitled "LACTIC ACID AND BIOETHANOL PRODUCTION THROUGH FRUIT PEELS WASTE BIOMASS" is a bonafide work record of independent research work done by **MS NEHA BHARDWAJ** under my supervision during 18th Jan, 2018 to 12th May, 2018, submitted to the Department of Biotechnology, C.C.S. University Meerut(Campus), in partial fulfillment for the award of the degree of Master of Science in Biotechnology and that the dissertation has not previously form the basis for the award of any other Degree, Diploma, Associateship, Fellowship or other title.

Place : Shastrinagar, Meerut

Date : 18 | 6 | 19

(Mr. Harish Pal Bhati)

Lab Incharge





Department of Biotechnology
Multanimal Modi College, Modinagar-201204 (U.P.)

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Email: info@mmcmodinagar.ac.in

02 JUL 2018

Date:

Ref. No.....

CERTIFICATE

This is to certify that dissertation entitled "**Antioxidant and antimicrobial activity of centella asiatica** " submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar -201204, as part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Miss. Priyanka** during **2017-18** and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Priyanka Verma)

Internal Supervisor

Department of Biotechnology

(Dr. Ravi Kumar)

Coordinator

Department of Biotechnology

CERTIFICATE

It is certify that the project entitled "SYNTHESIS OF COPPER NANOPARTICLES BY

BACTERIA" which is being submitted by **Ms. Deepika Siddhu** in **partial fulfillment of the**

requirements for the award of the degree of **M.Sc IN BIOTECHNOLOGY** of Multinimal

Modi College, Modinagar is a record of candidate's own work carried out by her from

29th January 2018 to 04th June, 2018, under my supervision and guidance.

Dated: 04/06/18

Place: Noida

No : CBPL.2017-18/078



(Dr. Tripti Bhatnagar)

Managing Director

Codon Biotech Pvt. Ltd.

Noida



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Department of Biotechnology
Multanimal Modi College, Modinagar-201204 (U.P.)


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02 JUL 2017
Dated:

CERTIFICATE

This is to certify that dissertation entitled “**Synthesis of Copper Nanoparticle by Bacteria**” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Miss. Deepika Siddhu during 2017-18** and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.


(Ms. Preeti Sharma)
Internal Supervisor
Department of Biotechnology


(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



Department of Biotechnology
Multanimal Modi College, Modinagar-201204 (U.P.)

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Website: www.mmcmodinagar.ac.in

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07 JUL 2018
Dated 07/2018

Ref No

CERTIFICATE

This is to certify that dissertation entitled "**Operation and chemical analysis of milk and dairy product**" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar - 201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Miss Neha pal during 2017-18 and that no part of** this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Preeti Sharma)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



Dated the 30th June 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Neha Pal**, Enrollment No. **M11821409**, a **2nd year student** of **M. Sc. (Biotechnology)** from **Multanimal Modi College, Modinagar - 201204 (U.P.)** was an **In-Plant Trainee** from **6th Feb 2018 to 30th June 2018** in our Organization.

During the training, we found her sincere & hardworking. She also had a great attitude towards learning.

We wish her good luck & success in all her future endeavors.

For Mother Dairy Fruit & Vegetable Pvt. Ltd.
Unit: Patparganj



Janmeja Saini
Manager - HR

एक अति उत्तम कर्मचारी का प्रमाण

यह प्रमाणित है कि **श्री. नेहा पाल**, एन.ए. नं. **M11821409**, एक **द्वितीय वर्ष की छात्रा** हैं।

उन्होंने **6 फरवरी 2018 से 30 जून 2018** तक **मातृ दूध फल व सब्जी प्रा. लि.** में **इं-प्लांट ट्रेनिंग** की।

मातृ दूध फल व सब्जी प्रा. लि. का पता है - **पटपगंज, दिल्ली-201204**।

मातृ दूध फल व सब्जी प्रा. लि. का पता है - **पटपगंज, दिल्ली-201204**।

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फोन नं.: 011-22477935

फैक्स नं.: 011-22477935

CERTIFICATE

This is to certify that the study conducted by **Mr. Manish Kumar, Enrollment No: M15740316**, during 2019-2021 as reported in the present thesis was under my guidance and supervision. The results reported by him are genuine and the candidate himself has written the script of the thesis. His thesis entitled, "**Screening of Orange (Citrus sinensis) Peel and Pulp for Antimicrobial activity against Microbes isolated from cot mattress**", is therefore, being forwarded for the acceptance in partial fulfillment of the requirements for the award of the degree of **Master of Science in Biotechnology of the Department of Biotechnology and Microbiology, M.I.E.T., MEERUT**, affiliated to **Ch. Charan Singh University, Meerut**.



Internal Supervisor
Dr. Alka Sagar
Assistant Professor
Department of Biotechnology and
Microbiology
M.I.E.T., Meerut (U.P.)



Dr. Shalini Sharma
Principal
Department of Biotechnology and
Microbiology
M.I.E.T., Meerut (U.P.)

Principal
Department of Biotechnology and Microbiology
Meerut Institute of Engineering & Technology
Meerut-250095, U.P. India



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Website: www.mmcmodinagar.ac.in

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Ref. No.

Dated:

14 SEP 2021

CERTIFICATE

This is to certify that dissertation entitled “Screening of Orange peel and pulp for Antimicrobial activity against microbes isolated from Cot Mattress” submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar-201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work carried out by **Mr. Manish** during 2020-21 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Anjali Rajpoot)

Internal Supervisor

Department of Biotechnology

(Dr. Ravi Kumar)

Coordinator

Department of Biotechnology



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Website: www.mmcmodinagar.ac.in

Email: info@mmcmodinagar.ac.in

Ref. No.

02 JUL 2018

Date:

CERTIFICATE

This is to certify that dissertation entitled "To evaluate in vitro anti-psoriatic activity of Curcumin and Cinnamon through inhibition of keratinocytes in HaCaT cells by measuring the cell viability using MTT Assay" submitted to Ch. Charan Singh University, Meerut, through Department of Biotechnology, Multanimal Modi college, Modinagar -201204, as a part of the degree of Master of Biotechnology, is a bonafied record of Dissertation work **carried out by Ms. Anushka Vats** during 2017-18 and that no part of this Dissertation /report has been submitted for any other degree or diploma of any University.

(Ms. Richa Yadav)
Internal Supervisor
Department of Biotechnology

(Dr. Ravi Kumar)
Coordinator
Department of Biotechnology



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DRF/HR-Tmg/218

5th June 2018

TO WHOM IT MAY CONCERN

This is to certify that **Ms. Anushka Vats** has done her training in Dabur Research Foundation, Sahibabad.

During her association with us she was given projects "To evaluate in-vitro anti-proliferative activity of curcumin and cinnamon through inhibition of keratinocytes in Hacat cells by measuring the cell viability using MTT Assay" effective from 5th January 2018 to 5th June 2018.

She performed the assigned task given to her with sincerity and dedication under the guidance of Dr Ritu Verma - Sr. Manager, Cell Biology, Dabur Research Foundation.

We wish her success for a bright future.

For Dabur Research Foundation

Dr Manu Jaggi
Chief Scientific Officer

Jayachandran Kandoth
Sr. Manager



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is to certify that dissertation entitled **"COLLECTION DEVELOPMENT IN CENTRAL LIBRARY OF SRM UNIVERSITY & SUBHARTI UNIVERSITY"** submitted to Ch. Charan Singh University, Meerut, through Department of Library Science, Multanimal Modi College, Modinagar-201 204 as a part of the degree of Master of Library and Information Science, is a bonafied record of Dissertation work carried out by **Ms. Aarti 2017-2018** and that no part of this Dissertation/ report has been submitted for any other degree or diploma of any University.

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This is to Certified that *Arun Tyagi* has completed her dissertation entitled, "*APPLICATION OF IT IN KNOWLEDGE MANAGEMENT IN KIET COLLEGE MURADNAGAR*" Submitted in partial fulfilment of the requirement for the award of the degree of Master of Information Science.

He has conducted the work under my supervision and guidance.

Place Modinagar

Date 22. July 2017

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This is to certify that dissertation entitled **“USE OF INFORMATION SOURCES BY FACULTY MEMBERS, RESEARCH SCHOLARS IN IMS COLLEGE, GHAZIABAD: A SURVEY”** submitted to Ch. Charan Singh University, Meerut, Through Department of Library Science, Multanimal Modi (P.G.) College, Modinagar – 201204 as a part of the degree of **Master of Library Science**, is a bonafied record of Dissertation work carried out by **Miss. AARTI CHAUDHARY** during 2018-2019 and that no part of this dissertation / report has been submitted for any other degree of diploma of any university.

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CERTIFICATE

This is to certify that dissertation entitled “**Effectiveness of Library Services and User Satisfaction in the Changing Environment of Information Technology in S.S.V. College, Hapur**” submitted to Ch. Charan Singh University, Meerut, through department of Library and Information Science, Multanimal Modi College, Modinagar-201204 as a part of the degree of Master of Library and Information Science, is a bonafied record of Dissertation work carried out by **Ms. Preeti Sirohi During 2018-2019** and that no part of this Dissertation/ Report has been submitted for any other degree or diploma of any university.

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This is to certify that dissertation entitled "THE UTILITY OF INFORMATION SOURCES AND SERVICES DISTRICT LIBRARY, NANDGRAM REGION" submitted to Ch. Charan Singh University, Meerut, Through Department of Library Science, Multanmal Modi (P.G.) College, Modinagar - 201204 as a part of the degree of Master of Library Science, is a bonafied record of Dissertation work carried out by Mr. Ajeet Pal during 2018-2019 and that no part of this dissertation / report has been submitted for any other degree of diploma of any university.

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This is to certify that dissertation entitled "A SURVEY OF NATIONAL MUSEUM INSTITUTE OF THE HISTORY OF ART, CONSERVATION AND MUSEOLOGY, NEW DELHI" submitted to Ch. Charan Singh University, Meerut, through department of Library and Information Science, Multanimal Modi College, Modinagar-201204, as a part of the degree of Master of Library and Information Science, is a bonafied record of Dissertation work carried out by **Mrs. Neha Goel** During 2016-2017 and that no part of this Dissertation/ Report has been submitted for any other degree or diploma of any university.

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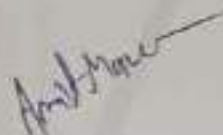
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