

Shri Ram College, Muzaffarnagar

(Faculty of Bioscience)


Notice

Date- 9th Dec, 2019

All the students are hereby informed that supervisors are being allotted as per detail given below for project work of M.Sc. (Biotech) IVth sem 2020.

| S.No. | Name of Supervisor | Name of Students |
|-------|---------------------------|--|
| 1. | Dr. Sourabh Jain | ANCHAL DIKSHA NIRWAL KM VISHU SHUBHAM KUMAR TUSHAR PUNDIR |
| 2. | Mr. Vikas Kumar | DEEPA KUMARI SHEETAL SAINI |
| 3. | Dr. Sourabh Jain | SALONI MALIK MANISHA AKANSHA FARHA Km Anjli Devi KM RUBI NEELIMA TOMAR PRIYANKA PRIYANKA RANI ROCKY SONALI RAO |
| 4. | Dr. Samiksha Joshi | ANAM SIDDIQUE KM ALKA NISHA PRACHI RITIKA RAJPUT |

Students are required to contact their respective supervisors immediately and finalise the topic.


Dr. Ashwani Kumar
(HoD, Biosciences)

Copy to:-1- Principal, Shri Ram College, Muzaffarnagar
2- Notice Boards
3- Respective supervisors for necessary action


Co-ordinator
IQAC, Shri Ram College,
Muzaffarnagar


Principal
Shri Ram College
Muzaffarnagar

**Identification of CORE and specific genes in Giant
Viruses**

Submitted by

SALONI

**A Dissertation Submitted to
Shri Ram College, CCS University, Meerut, Uttar Pradesh**

**In the partial fulfillment of requirement for the award of Degree of
Master of Science in Biotechnology**



Supervisor

Dr. Sourabh Jain
Associate Professor & HoD
Department of bioscience
Shri Ram Group of College
Muzaffarnagar

Co-Supervisor

Dr. Kapil Rathi
Project Scientist
SARV BIOSCIENCE,
Muradnagar

DEPARTMENT OF BIOSCIENCE
SHRI RAM GROUP OF COLLEGE , MUZAFFARNAGAR
Ch. Charan Singh University, Meerut-250004 (U.P.)

2017- 2020


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IQAC, Shri Ram College,
Muzaffarnagar


Principal
Shri Ram College
Muzaffarnagar



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CIRCULAR ROAD, MUZAFFARNAGAR

'A' Grade Accredited by NAAC

Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Identification of CORE and specific genes in *Megavirales*" has been successfully completed by Miss SALONI MALIK (Roll No 1708556449) under the supervision of Dr. Sourabh Jain, Associate Professor & Head, Faculty of Bioscience and Dr. Kamal Rathi, Project Manager, SARV Biosciences, Muradnagar. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution

(Dr. Sourabh Jain)
Associate Professor & Head
Faculty of Bioscience

(Dr. Aditya Gautam)
Director

Co-ordinator
IQAC, Shri Ram College,
Muzaffarnagar

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Muzaffarnagar

Identification of drought responsive genes in *Oryza sativa* var. IRAT-109 by GEO dataset analysis

Submitted by

Manisha

A Dissertation Submitted to
Shri Ram College, CCS University, Meerut, Uttar Pradesh

In the partial fulfillment of requirement for the award of Degree of
Master of Science in Biotechnology



Supervisor

Dr. Sourabh Jain
Associate Professor & HoD
Department of bioscience
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Muzaffarnagar

Co-Supervisor

Dr. Kapil Rathi
Project Scientist
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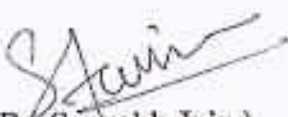
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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Microarray data analysis of *Oryza sativa* var. IRAT-109 for identification of DEGs under drought stress" has been successfully completed by Miss MANISHA (Roll No 1708556451) under the supervision of Dr. Sourabh Jain, Associate Professor & Head, Faculty of Bioscience and Dr. Kamal Rathi, Project Manager, SARV Biosciences, Muradnagar. The matter embodied in this project work has been submitted in partial fulfilment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


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**Microbial testing and Environmental monitoring of
pharmaceutical products**

Submitted by

AKANSHA

**A Dissertation Submitted to
Shri Ram College, CCS University, Meerut, Uttar Pradesh**

**In the partial fulfillment of requirement for the award of Degree of
Master of Science in Biotechnology**



Supervisor


Dr. Sourabh Jain
Associate Professor & HoD
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Co-Supervisor

Dr. Kapil Rathi
Project Scientist
SARV BIOSCIENCE,
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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Microbial testing and environmental monitoring of pharmaceutical products" has been successfully completed by Miss AKANSHA (Roll no 180855227001) under the supervision of Dr. Sourabh Jain, Associate Professor & Head, Faculty of Bioscience and Dr. Kamal Rathi, Project Manager, SARV Biosciences, Muradnagar. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.

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**Analysing the Inhibitory effect of Anti-diabetic drug against
Human Serum Albumin Fibrillation**

Submitted By
ANAM SIDDIQUE

A Dissertation Submitted to
Shri Ram College, C.C.S University, Meerut, Uttar Pradesh

In the partial fulfillment of requirement for the award of degree of
Master of Science in Biotechnology



Supervisor

Prof. Rizwan H. Khan
Interdisciplinary Biotechnology Unit
Aligarh Muslim University
Aligarh

DEPARTMENT OF BIOSCIENCES
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Ch. Charan Singh University, Meerut-250004(U.P)
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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Analysing the inhibitory effect of anti-diabetic drug against human serum albumin fibrillation" has been successfully completed by Miss ANAM SIDDIQUE (Roll no 180855227002) under the supervision of Dr. Shahnava Khan, Associate Professor, Faculty of Bioscience and Prof. Rizwan H. Khan, Aligarh Muslim University, Aligarh. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / Institution.

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(Dr. Shahnava Khan)
Associate Professor
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**Production and characterization of granular Hibernated Biomanure (GHB)
having effects on growth of *vigna unguiculata***

**A
Project**

**Submitted in partial fulfillment of the
Requirement for the Degree of
MASTER OF SCIENCE IN
BIOTECHNOLOGY
Submitted by
Anchal**

Under the Supervision of

**SUPERVISOR
DR. ASHWANI KUMAR
ASSISTANT PROFESSOR
FACULTY OF BIOSCIENCE
SHRI RAM COLLEGE, MZN**

**COSUPERVISOR
DR SOURABH JAIN
Dean
FACULTY OF BIOSCIENCE
SHRI RAM COLLEGE, MZN**



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SHRI RAM GROUP OF COLLEGES
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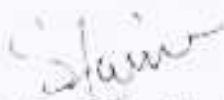
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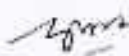
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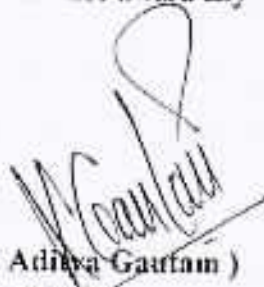
Date: 03.11.2020


TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "**Production and characterization of granular hibernated biomanure (GHB) having effects on growth of *Vigna unguiculata***" has been successfully completed by Miss ANCHAL (Roll no 180855227003) under the supervision of **Dr. Ashwini Kumar**, Associate Professor, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfilment of the requirement for the award of degree of M.Sc. in Biotechnology by **CCS University, Meerut**. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


(Dr. Sourabh Jain)
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**ANALYSIS OF PHYSICO-CHEMICAL PROPERTIES OF SEWAGE
WATER AND ITS EFFECTS ON SEED GERMINATION OF OKRA &
WHEAT CROPS**

A dissertation submitted to



Shri Ram College Muzaffarnagar for the partial fulfillment of the requirement for the award of
degree of

Master of Science in Biotechnology

By

Deepa Kumari

Roll No - 180855227004

(Session 2019-2020)

SUPERVISOR :

Mr. Vikas Kumar

Assistant Professor

Department of Bioscience

SRGC Muzaffarnagar


Co-ordinator
IQAC, Shri Ram College,
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SHRI RAM COLLEGE

MUZAFFARNAGAR, U.P.

(2019-2020)


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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "*Analysis of physico-chemical properties of sewage water and its effects on seed germination of OKRA & WHEAT*" has been successfully completed by Miss DEEPA KUMARI (Roll no 180855227004) under the supervision of Mr. Vikas Kumar, Assistant Professor, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


(Dr. Sourabh Jain)
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Faculty of Bioscience


(Mr. Vikas Kumar)
Assistant Professor
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**Studies on characterization of Liquid Fermented Bio manure (LFB) and
its role in growth of Vigna Mungo under natural farming practices.**

**A
Project**

**Submitted in partial Fulfillment of the
Requirement for the Degree of
MASTER OF SCIENCE IN
BIOTECHNOLOGY**

**Submitted by
Diksha Nirwal**

Under the Supervision of

**SUPERVISOR
DR. ASHWANIKUMAR
ASSOCIATE PROF.
FACULTY OF BIOSCIENCE
SHRI RAM COLLEGES, MZN**

**COSUPERVISOR
DR. SOURABH JAIN
DEAN
FACULTY OF BIOSCIENCE
SHRI RAM COLLEGES, MZN**



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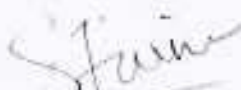
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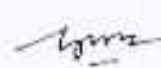
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Date: 03.11.2020


TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "*Studies on characterization of liquid fermented biomanure (LFB) and its role in growth of Vigna mungo*" has been successfully completed by Miss DIKSHA NIRWAL (Roll no 180855227005) under the supervision of **Dr. Ashwini Kumar**, Associate Professor, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of **M.Sc. in Biotechnology** by **CCS University, Meerut**. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


(Dr. Sourabh Jain)
Associate Professor & Head
Faculty of Bioscience


(Dr. Ashwini Kumar)
Associate Professor
Faculty of Bioscience


(Dr. Aditya Gautam)
Director


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Shri Ram College
Muzaffarnagar

**Psychochemical analysis of wastewater from Triveni
sugar mill and its effect on seed germination**

Submitted by

FARHA

**A Dissertation Submitted to
Shri Ram College, CCS University, Meerut, Uttar Pradesh
In the partial fulfillment of requirement for the award of Degree of
Master of Science in Biotechnology**



Supervisor


*Dr. Sourabh Jain
Associate Professor & HoD
Department of bioscience
Shri Ram Group of College
Muzaffarnagar*


Co-Supervisor

*Dr. Kapil Rathi
Project Scientist
SARV BIOSCIENCE,
Muradnagar*

**DEPARTMENT OF BIOSCIENCE
SHRI RAM GROUP OF COLLEGE, MUZAFFARNAGAR
Ch. Charan Singh University, Meerut-250004 (U.P.)**

2018- 2020


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**Principal
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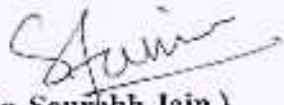
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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "*Physico-chemical analysis of wastewater from Triveni sugar mill and its effect on seed germination*" has been successfully completed by Miss FARHA (Roll no 180855227006) under the supervision of Dr. Sourabh Jain, Associate Professor & Head, Faculty of Bioscience and Dr. Kamal Rathi, Project Manager, SARV Biosciences, Muradnagar. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


(Dr. Sourabh Jain)
Associate Professor & Head
Faculty of Bioscience


(Dr. Aditya Gautam)
Director


Co-ordinator
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Muzaffarnagar


Principal
Shri Ram College
Muzaffarnagar

**A study on Environment Monitoring of Aseptic Areas
in Pharmaceutical Industry**

Submitted by

ALKA

**A Dissertation Submitted to
Shri Ram College, CCS University, Meerut, Uttar**

**In the partial fulfillment of requirement for the award of Degree of
Master of Science in Biotechnology**



Supervisor

**Dr. Samiksha Joshi
Associate Professor
Department of bioscience
Shri Ram Group of College
Muzaffarnagar**

Co-Supervisor

**Dr. Manoj Grewal
QC Manager
Concept Pharma
Ltd. Roorkee**

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2018-2020


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**Principal
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Muzaffarnagar**



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'A' Grade Accredited by NAAC

Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "*A study on environmental monitoring of aseptic areas in pharmaceutical industry*" has been successfully completed by Miss ALKA (Roll no 180855227008) under the supervision of Dr. Samiksha Joshi, Assistant Professor, Faculty of Bioscience and Mr. Manoj Grewal, QC manager, Concept Pharmaceutical Ltd., Roorkee. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


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Associate Professor & Head
Faculty of Bioscience


(Dr. Samiksha Joshi)
Assistant Professor
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(Dr. Aditya Gautam)
Director


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Muzaffarnagar


Principal
Shri Ram College
Muzaffarnagar

**Homology modeling of ezcA protein of
Pseudomonas putida using E.coli protein
product as template**

Submitted by

ANJALI DEVI

**A Dissertation Submitted to
Shri Ram College, CCS University, Meerut, Uttar
Pradesh**

**In the partial fulfillment of requirement for the award of
Degree of
Master of Science in Biotechnology**



Supervisor

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Co-Supervisor

*Dr. Kapil Rathi
Project Scientist
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**Principal
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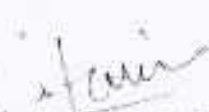
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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "**Homology modeling of *czcA* protein of *Pseudomonas putida* using *E. coli* protein product as template**" has been successfully completed by **Miss ANJLI DEVI (Roll no 180855227009)** under the supervision of **Dr. Sourabh Jain**, Associate Professor & Head, Faculty of Bioscience and **Dr. Kamal Rathi**, Project Manager, SARV Biosciences, Muradnagar. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of **M.Sc. in Biotechnology** by **CCS University, Meerut**. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


(**Dr. Sourabh Jain**)
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PURIFICATION OF INDUSTRIAL WASTE
WATER

Submitted by

RUBI

A Dissertation Submitted to
Shri Ram College, CCS University, Meerut, Uttar Pradesh

In the partial fulfillment of requirement for the award of Degree of
Master of Science in Biotechnology



Supervisor

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Co-Supervisor

Mr. H.S. KANYAL
QC MANAGER
GS PHARMA PVT.
LTD. ROORKEE

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Ch. Charan Singh University, Meerut-250004 (U.P.)

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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "**Purification of industrial waste water**" has been successfully completed by **Miss RUBY (Roll no 180855227010)** under the supervision of **Dr. Samiksha Joshi**, Assistant Professor, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of **M.Sc. in Biotechnology** by **CCS University, Meerut**. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


(**Dr. Sourabh Jain**)
Associate Professor & Head
Faculty of Bioscience


(**Dr. Samiksha Joshi**)
Assistant Professor
Faculty of Bioscience


(**Dr. Aditya Gautam**)
Director


Co-ordinator
IOAC, Shri Ram College,
Muzaffarnagar


Principal
Shri Ram College
Muzaffarnagar

**Analysis of liquid fermented biomanure (LFB) and its effect on the production of
*abelmoschus esculentus***

Project

**Submitted in partial fulfillment of the
Requirement for the Degree of
MASTER OF SCIENCE IN
BIOTECHNOLOGY**

**Submitted by
VISHU**

UNDER THE SUPERVISION OF


SUPERVISOR

**DR. ASHWANI KUMAR
ASSISTANT PROFESSOR
FACULTY OF BIOSCIENCE
SHRI RAM COLLEGES, MZN**

COSUPERVISOR

**DR SOURABH JAIN
Dean
FACULTY OF BIOSCIENCE
SHRI RAM COLLEGES, MZN**




**Co-ordinator
IQAC, Shri Ram College,
Muzaffarnagar**

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CIRCULAR ROAD, MUZAFFARNAGAR


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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Analysis of liquid fermented biomanure (LFB) and its role in growth of *Abelmoschus esculentus*" has been successfully completed by Miss VISHU (Roll no 180855227011) under the supervision of Dr. Ashwini Kumar, Associate Professor, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


(Dr. Soufabh Jain)
Associate Professor & Head
Faculty of Bioscience


(Dr. Ashwini Kumar)
Associate Professor
Faculty of Bioscience


(Dr. Aditya Gautam)
Director


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HGT detection in *Poxviridae* using phylogenetic methods

Submitted By

NEELIMA TOMAR

A Dissertation submitted to
SHRI RAM COLLEGE, CCS UNIVERSITY, MEERUT, UTTAR PRADESH

In the partial fulfillment of requirement for the award of degree of master
of science in biotechnology



Supervisor

Dr. Sourabh Jain

Assistant professor

Department of bioscience

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2018-2020


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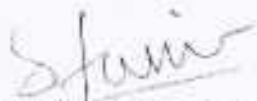
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'A' Grade Accredited by NAAC

Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "HGT detection in *Poxviridae* using phylogenetic methods" has been successfully completed by Miss NEELIMA TOMAR (Roll no 1808552270012) under the supervision of Dr. Sourabh Jain, Associate Professor & Head, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


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**BACTERIAL ENDOTOXIN TEST FOR QUALITY
MEASUREMENT OF INJECTABLE WATER (WFI) SAMPLE
IN PHARMACEUTICAL INDUSTRY**

Submitted by

NISHA

**A Dissertation Submitted to
Shri Ram College, CCS University, Meerut, Uttar Pradesh**

**In the partial fulfillment of requirement for the award of Degree
of
Master of Science in Biotechnology**



Supervisor

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Co-Supervisor

**Mr. Manoj Grewal
QC Manager
Concept Pharma Ltd,
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CIRCULAR ROAD, MUZAFFARNAGAR


'A' Grade Accredited by NAAC

Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Bacterial endotoxin test (BET) for quality management of injectable water (WFI) sample in pharmaceutical industry" has been successfully completed by Miss NISHA (Roll no 180855227013) under the supervision of Dr. Samiksha Joshi, Assistant Professor, Faculty of Bioscience and Mr. Manoj Grewal, QC manager, Concept Pharmaceutical Ltd., Roorkee. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


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Microbial Limit Test for Quality Measurement of Different Water Samples in Pharmaceuticals Industry

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PRACHI

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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN


This is to certify that the project work entitled "Microbial limit test for quality measurement of different water samples in pharmaceutical industry" has been successfully completed by Miss PRACHI (Roll no 180855227014) under the supervision of Dr. Samiksha Joshi, Assistant Professor, Faculty of Bioscience and Mr. Manoj Grewal, QC manager, Concept Pharmaceutical Ltd., Roorkee. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


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**PAN Genome Analysis of Rickettsia rickettsii str. R
for identification of Pathogenicity Island**

Submitted
by
PRIYANKA

A Dissertation Submitted to Shri Ram Group of College,
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In the partial fulfillment of requirement for the award of
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'A' Grade Accredited by NAAC

Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Pan genome analysis of *Rickettsia rickettsii* str. R for identification of pathogenicity island" has been successfully completed by Miss PRIYANKA (Roll no 1808552270015) under the supervision of Dr. Sourabh Jain, Associate Professor & Head, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.

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Identification of putative E.coli protein targets in host cell during Colon Cancer

Submitted

by

PRIYANKA RANI

A Dissertation submitted to

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In the partial fulfillment of requirement for the award of

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Master of Science in Biotechnology



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Project Scientist

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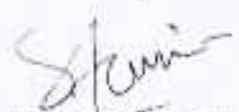
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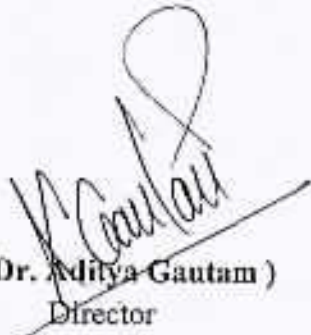
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Date: 03.11.2020


TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "**Identification of putative *E. coli* protein targets in host cell during colon cancer**" has been successfully completed by Miss **PRIYANKARANI** (Roll no 1808552270016) under the supervision of **Dr. Sourabh Jain**, Associate Professor & Head, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of **M.Sc. in Biotechnology** by **CCS University, Meerut**. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


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(**Dr. Aditya Gautam**)
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Analytical Microbiology For Quality Measurement Of Pharmaceutical Products In Industry

Submitted by

RITIKA RAJPUT

A Dissertation Submitted to
Shri Ram College, CCS University, Meerut, Uttar Pradesh

In the partial fulfillment of requirement for the award of Degree of
Master of Science in Biotechnology



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Date: 03.11.2020


TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Analytical microbiology for quality measurement of pharmaceutical product in industry" has been successfully completed by Miss RITIKA RAJPUT (Roll no 180855227018) under the supervision of Dr. Samiksha Joshi, Assistant Professor, Faculty of Bioscience and Mr. Manoj Grewal, QC manager, Concept Pharmaceutical Ltd., Roorkee. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


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Phylogenetic analysis of Ascoviruses for HGT detection

Submitted

By

ROCKY

A Dissertation submitted to
**SHRI RAM COLLEGE, CCS UNIVERSITY, MEERUT, UTTAR
PRADESH**


In the partial fulfillment of requirement for the award of degree of master
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Supervisor

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'A' Grade Accredited by NAAC


Date: 03.11.2020


TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Phylogenetic analysis of Ascoviruses for HGT detection" has been successfully completed by Mr. ROCKY (Roll no 1808552270019) under the supervision of Dr. Sourabh Jain, Associate Professor & Head, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


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**ANALYSIS OF PHYSICO-CHEMICAL PROPERTIES OF SEWAGE
WATER AND ITS EFFECTS ON SEED GERMINATION OF OKRA &
MUSTARD CROPS**

A dissertation submitted to



Shri Ram College Muzaffarnagar for the partial fulfillment of the requirement for the award of
degree of

Master of Science in Biotechnology

By

Km. Sheetal Saini

Roll No - 180855227020

(Session 2019-2020)

SUPERVISOR :

Mr. Vikas Kumar

Assistant Professor

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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "*Analysis of physico-chemical properties of sewage water and its effects on seed germination of OKRA & MUSTARD*" has been successfully completed by Miss SHEETAL SAINI (Roll no 180855227020) under the supervision of Mr. Vikas Kumar, Assistant Professor, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Se. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.

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Production and characterization of PGBM having effects on growth of Pisum
Sativum.

A

Project

Submitted in partial fulfilment of the
Requirement for the Degree of
MASTER OF SCIENCE IN
BIOTECHNOLOGY

Submitted by
SHUBHAM KUMAR

UNDER THE SUPERVISION OF

SUPERVISOR
DR. ASHWANI KUMAR
ASSISTANT PROFESSOR
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Muzaffarnagar



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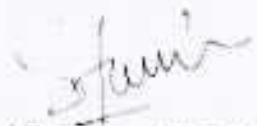
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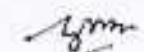
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Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Production and characterization of PGBM having effects on *Pisum sativum*" has been successfully completed by Mr. SHUBHAM KUMAR (Roll no 180855227021) under the supervision of Dr. Ashwini Kumar, Associate Professor, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / Institution.


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Phylogenetic analysis of Geminiviruses for HGT detection

Submitted

By

SONALI RAO

A Dissertation submitted to
**SHRI RAM COLLEGE, CCS UNIVERSITY, MEERUT, UTTAR
PRADESH**

In the partial fulfillment of requirement for the award of degree of master
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Supervisor

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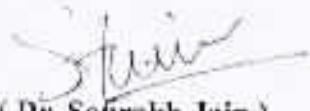
CIRCULAR ROAD, MUZAFFARNAGAR

'A' Grade Accredited by NAAC

Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Phylogenetic analysis of Geminiviruses for HGT detection" has been successfully completed by Miss SONALI RAO (Roll no 1808552270022) under the supervision of Dr. Sourabh Jain, Associate Professor & Head, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


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Production of Panchagavya high power Biomanure (PGBM) with impact on growth of *Luffa acutangula Roxb.* Under climate resilient agriculture system

Project

Submitted in partial fulfilment of the
Requirement for the Degree of
MASTER OF SCIENCE IN
BIOTECHNOLOGY

Submitted by
TUSHAR PUNDIR

UNDER THE SUPERVISION OF

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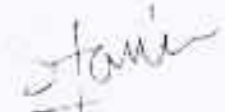
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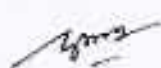
'A' Grade Accredited by NAAC

Date: 03.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project work entitled "Production of panchgavya high power manure (PGHB) with impacts on growth of *Luffa acutangula* under climate resilient agriculture system" has been successfully completed by Mr. TUSHAR PUNDIR (Roll no 180855227023) under the supervision of Dr. Ashwini Kumar, Associate Professor, Faculty of Bioscience. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of M.Sc. in Biotechnology by CCS University, Meerut. The project /Dissertation work was not used for award any other Degree /Diploma course in any other University / institution.


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