

# Shri Ram College, Muzaffarnagar

(Faculty of Bioscience)


## Notice

Date- 11<sup>th</sup> Dec, 2017

All the students are hereby informed that supervisors are being allotted as per detail given below for project work of M.Sc. (Biotech) IV<sup>th</sup> sem 2018.

S.No.	Name of Supervisor	Name of Students
1.	Dr. Ashwani Kumar	KM ANURADHA SAINI KM MEGHA RAWAT KM SUMAN SHIVA BHARDWAJ
2.	Mr. Vikas Kumar	AARTI RANI ANJALI RAVITA RANI
3.	Dr. Shahnawaj Khan	AMIT PANWAR CHANCHAL TYAGI KAMAL KUMAR KM MONIKA MOHD ANAS
4.	Ms. Tanushiri	NEETU CHOUDHARY KM PRIYA VAISHALI DHIMAN GAURAV SINGH TOMER

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

  
Dr. Ashwani Kumar  
(HoD, Biosciences)

Copy to:-

- 1- Principal, Shri Ram College, Muzaffarnagar
- 2- Notice Boards

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar

# Shri Ram College, Muzaffarnagar

(Faculty of Bioscience)

## Notice

Date- 3<sup>th</sup> Nov, 2018

All the students of M.Sc. (Biotech) IV<sup>th</sup> sem are hereby informed that as per university letter no. Prof. Course/prac/1093 dated 29-10-18, viva voce examination has been scheduled on 28<sup>th</sup> November, 2018. As per thesis submission, following is the list of topics. Students are requested to prepare powerpoint presentation (10 min) of their respective dissertation topics:

S.No.	Roll No.	Student Name	Topic
1	168553201	Aarti Rani	Physico Chemical Analysis Of Kalinadi Water And Its Possible Effects On Germination Of Wheat Seeds
2	168553202	Amit Panwar	Microbial consortia for decomposition of agricultural waste
3	168553205	Chanchal Tyagi	Microbiological analysis of pharmaceutical products
4	168553206	Kamal Kumar	Bio Ethanol Production Through Sugarcane Bagase
5	168553207	Km. Mouika	Salmonella Typhimurium Prutine Targeting In Host Nucleus And Their Implimentation In Colon Cancer: An Insillico Study
6	168553208	Km. Priya	Studies On Indigenous Cow(Bos Indicus) Based Bio Organic Formulations(Bof) In Tomato Cultivation For Increasing Soil Health Stipulation
7	168553209	Km. Anuradha Saini	Production ,optimization And Charecterization Of Fermented Fruits Enzyme Beverages As Nutraceuticals
8	168553210	Megha Rawat	Studies On Evaluation Of Phyto Chemicals In Methanolic Extracts Of Holy Durva(Cylodon Dactylon Linn.)
9	168553211	Suman	Comprehansive Studies On Production ,analysis And Efficacy Of Indigenous Cow(Boss Indicus) Based Bio Enhancers(Bibe) In Cultivation Of Brinjal For Increasinh Farmers Profitability
10	168553212	Md. Anas	Study On Rheumatoid Arthritis Factor And Hla _h27 Sequense Specific Allel Pcr
11	168553213	Neetu Chandhary	Analysis of paper mill effluents and its effect on different parameters of growing wheat(DVW-17) seedling
12	168553215	Shiva Bhardwaj	Macroscopic ,microscopic , Physiochemical And Tlc Assisted Phytochemical Charecterization Of Pinamava
13	168553215	Vaishali Dhiman	Studies On Optimization, Production And Charecterization Of Ecozyme Biocleaner And Liquid Organic Manure (lom) From Fruit Vegetable Trash With Microbial Inoculums

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2- Notice Board

Principal  
Shri Ram College  
Muzaffarnagar

(Dr. Sourabh Jain)  
HoD, Bioscience



# SHRI RAM COLLEGE

(Affiliated to CCS University, Meerut & Approved by NCTE)

CIRCUIAR ROAD, MUZAFFARNAGAR

**'A' Grade Accredited by NAAC**

Date: 19/11/2018

## CERTIFICATE

This is certified that the project work entitled "Physico-Chemical analysis of Kali Nadi water and its possible effects on germination of wheat seeds" has successfully completed by Aarti Rani (Roll No: 168553201), under the supervision of Mr. Vilas Kumar, Assistant Professor, Department of Biosciences and co-supervision of Dr. Shahanavaj Khan Associate Professor of Bioscience department. The matter embodied in this project work has been submitted in partially fulfilment of the requirement for the award of degree of Master of science in Biotechnology from CCS University, Meerut. The Project/ Dissertation work not used for award for any other degree/diploma course in any other University/Institution.

**Vilas Kumar**  
Supervisor  
Assistant Professor  
Department of Bioscience

**Dr. Shahanavaj Khan**  
Co-Supervisor  
Associate Professor  
Department of Bioscience

**Dr. Ashwani Kumar**  
Dean  
Department of Bioscience

**Dr. Aditya Gautam**  
Director  
SRC, Muzaffarnagar

Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

Principal  
Shri Ram College  
Muzaffarnagar

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CIN : U74899DL1988FTC032569

November 13, 2018


**TO WHOM IT MAY CONCERN**

This is to certify that Mr. Amit Panwar student of M.Sc (Biotechnology) from Shri Ram College, Muzaffarnagar has undergone Internship for Six months i.e. from 01.03.2018-30.10.2018 in Biotech Lab of our Organization. During the Internship he worked on the project titled "Microbial Consortia for the decomposition of Agricultural waste".

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

We wish him great success in his future endeavor.

For Dayal Biotech (P) Limited

  
Niraj Saran Srivastava  
General Manager  
Human Capital & Administration

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



# SHRI RAM COLLEGE

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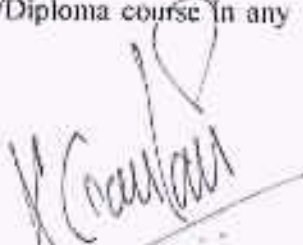
**'A' Grade Accredited by NAAC**


Date: 12-11-2018

## CERTIFICATE

This is certified that the project work entitled "Microbial Consortia for the Decomposition of Agricultural Waste" has successfully completed by **Mr. Amit Panwar** (Roll no: 168553202) under the supervision of **Dr. Ashwani Kumar** Dean of Biosciences Department. The matter embodied in this project work has been submitted in partially fulfillment of the requirement for the award of degree of Master of science in Biotechnology, CCS University, Meerut. The Project/ Dissertation work not used for award for any other Degree/Diploma course in any other University/Institution.

  
(Dr. Ashwani Kumar)  
Dean of Biosciences  
Supervisor

  
(Dr. Aditya Gautam)  
Director

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar

  
**THEMIS**  
**MEDICARE**

Ref: TML/HW/P&A

Date : 25/06/2018

**TO WHOM EVER IT MAY CONCERN**


This is to certify that MS. CHANCHAL TYAGI student of M.Sc. (Biotechnology) from SHRI RAM COLLEGE MUZAFFARNAGAR has undertaken her/his project work entitled as "MICROBIOLOGICAL ANALYSIS OF PHARMACEUTICALS PRODUCTS" for a period of 25/01/2008 to 24/06/2018 at our organization.

During her/his training we found her/him hard working and sincere.

We wish all success for her/his future assignments.

For THEMIS MEDICARE LTD.

  
AUTHORISED SIGNATORY

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar

**Themis Medicare Limited**

Factor : Sector-6A, Plot No. 16, 17, & 18, I.I.E. SIDCUL, Haridwar, Uttarakhand-249 403  
Phone: +91-01334-239321, 239322, E-mail : themisharidwar@themismedicare.com

C.I.N No. L24110GJ1969PLC001690

Regd. Office : Plot No. 69-A, G.I.D.C. Vapi-396 195, Gujrat.

Corporate Office : 11/12, Udyog Nagar, S.V. Road, Goregaon (W), Mumbai - 400 104



# SHRI RAM COLLEGE

(Affiliated to CCS University, Meerut & Approved by NCTE)

CIRCULAR ROAD, MUZAFFARNAGAR


**'A' Grade Accredited by NAAC**

## Certificate

This is certified that the Project entitled "*Microbiological Analysis Of pharmaceutical Products*" has carried out in **Themis Medicare Limited** by Ms. **Chanchal Tyagi**. The work presented here is a record of candidate's own work carried out by her under the supervision of Dr. Shahanavaj Khan (Associate Professor, Department of Bioscience, Shri Ram College, Muzaffarnagar, UP) and co-supervision of Mr. **Azad Singh Chauhan** (Head QC, Themis Medicare Limited).

The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the *award of Degree of Master of Science in Biotechnology* in *Chaudhary Charan Singh University, Meerut*. Also the work has not been used for any other purpose.

  
(Dr. Shahanavaj Khan)  
Associate Professor  
Department of Bioscience

  
(Dr. Ashwani Kumar)  
Dean  
Department of Bioscience

  
(Dr. Aditya Gautam)  
Director

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



# BASE ASSOCIATION

(Basic and Applied Sciences Education Association)

Ref. No: BASE/1825

Date : 28/08/2018

## CERTIFICATE

This is certified that the project work entitled "PRODUCTION OF BIOETHANOL THROUGH SUGARCANE BAGASSE" is a bonafide work record of independent research work done by Mr. KAMAL KUMAR under my supervision during 1<sup>st</sup> March, 2018 to 25<sup>th</sup> August, 2018. Thesis has submitted to the Department of Bioscience, Shri Ram College, Muzaffarnagar, in partial fulfillment for the award of the degree of Master of Science in Biotechnology. The dissertation has not previously submitted for the award of any other Degree, Diploma, Associateship, Fellowship or other title in any institution or University.

Place : Shastrinagar, Meerut

Date :

(Mr. Harish Pal Bhati)

Lab Incharge

Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

Principal  
Shri Ram College  
Muzaffarnagar





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**'A' Grade Accredited by NAAC**

Date: 12/11/2018

## CERTIFICATE

This is certified that the project work entitled "Production of Bioethanol through Sugarcane Bagasse" has successfully completed by Mr. Kamal Kumar (Roll no. 168553206) under the supervision of Dr. Shahnavaj Khan, Associate Professor, Dept. of Biosciences, SRGC, Muzaffarnagar. The matter embodied in this project work has been submitted in partially fulfillment of the requirement for the award of degree of Master of science in Biotechnology, CCS University, Meerut. The Project/ Dissertation work not used for award for any other Degree/Diploma course in any other University/Institution.

(Dr. Shahnavaj Khan)  
Supervisor, Associate  
Prof. Faculty of Biosciences.

(Dr. Ashwani Kumar)  
Dean  
Faculty of Biosciences

(Dr. Aditya Gautam)  
(Director)

Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

Principal  
Shri Ram College  
Muzaffarnagar



# SHRI RAM COLLEGE

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CIRCULAR ROAD, MUZAFFARNAGAR


**'A' Grade Accredited by NAAC**

Date... 26/11/18

## CERTIFICATE

This is certified that the project work entitled **SALMONELLA TYPHIMURUM PROTEIN TARGETING IN HOST NUCLEUS AND THEIR IMPLICATION IN COLON CANCER: AN IN SILICO STUDY** has successfully completed by **monika** (Roll No: 168553207), under the supervision of **Dr. Shahnavaj Khan** Associate Professor of Bioscience department. The matter embodied in this project work has been submitted in partially fulfilment of the requirement for the award of degree of Master of science in Biotechnology from CCS University, Meerut. The Project/ Dissertation work not used for award for any other degree/diploma course in any other University/Institution.

  
(Dr. Ashwani Kumar)  
Dean  
Department of Bioscience

  
(Dr. Shahnavaj Khan)  
Supervisor  
Associate Professor  
Department of Bioscience

  
(Dr. Aditya Gautam)  
Director  
SRC, Muzaffarnagar

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



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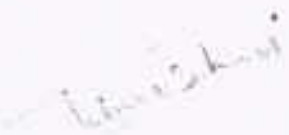
**'A' Grade Accredited by NAAC**


Date: 29/11/18


## Certificate

This is to certify that the project work entitled "Studies on Indigenous Cow (*Bos Indicus*) Based Bio-organic Formulations (BOF) in Tomato Cultivation for Increasing Soil Health Stipulation" has successfully completed by Miss Priya Sharma (Roll. No. 168553208) under the supervision of Dr. Ashwani Kumar Dean, of Bioscience and co-supervision of Miss. Tanushri, Assistant Professor faculty of Bioscience. The matter embodied in this project work has been submitted in partially fulfillment of the requirement for the award of degree of Master of Science in Biotechnology, CCS University Meerut. The project/ dissertation work not used for award any other Degree/ Diploma course in any other university/ institution.

  
(Dr. Ashwani Kumar)  
Dean and Supervisor  
Faculty of Bioscience

  
(Miss. Tanushri)  
Co-supervisor  
Faculty of Bioscience

  
(Dr. Aditya Gautam)  
Director

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



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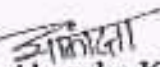
CIRCULAR ROAD, MUZAFFARNAGAR

**'A' Grade Accredited by NAAC**

Date: 30.07.18

## CERTIFICATE

This is certified that the project work entitled "Production, Optimization And Characterization of Fermented Fruit-enzymes Beverages As Nutraceuticals" has successfully completed and submitted by Miss. Anuradha Saini (Roll No. 168553209), under the supervision of Dr. Ashwani Kumar, Dean of Biosciences and co-supervision of Miss Akansha Kushwaha, Assistant Professor of Bioscience Department. The matter embodied in this project work has been submitted in partially fulfillment of the requirement for the award of degree of Master of Science in Biotechnology from CCS University, Meerut. The Project/ Dissertation work not used for award for any other degree/diploma course in any other University/Institution.

  
(Miss Akansha Kushwaha)  
Co-supervisor  
Assistant Professor,  
Faculty of Biosciences

  
(Dr. Ashwani Kumar)  
Dean and Supervisor  
Faculty of Biosciences

  
(Dr. Aditya Gautam)  
Director

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



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CIRCULAR ROAD MUZAFFARNAGAR


**'A' Grade Accredited by NAAC**

Date 30/10/18

## CERTIFICATE

This is certified that the project work entitled "Studies On Evaluation Of Phytochemicals In Methanolic Extracts Of Holy Durva (*Cynodon Dactylon Linn*) has successfully completed by Miss. Megha Rawat (Roll no: 168553210) under the Supervision of Dr. Ashwani Kumar, Dean Faculty of Biosciences and Co-supervision of Miss Nisha Tyagi Assistant Professor of Biosciences Department. The matter embodied in this project work has been submitted in partially fulfillment of the requirement for the award of degree of Master of Science in Biotechnology, CCS University Meerut. The Project/dissertation work not used for award any other Degree/Diploma course in any other university/institution.

  
(Nisha Tyagi)  
Co-Supervisor  
Faculty of Biosciences

  
(Dr. Ashwani Kumar)  
Dean & Supervisor  
Faculty of Biosciences

  
(Dr. Aditya Gautam)  
Director

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



# SHRI RAM COLLEGE

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CIRCULAR ROAD, MUZAFFARNAGAR


**'A' Grade Accredited by NAAC**

Date: 29.02.18

## Certificate

This is to certify that the project work entitled "Comprehensive Studies on Production, Analysis and Efficacy of Indigenous Cow (*Bos Indicus*) Based Bio Enhancers (BIBE) in Cultivation of Brinjal for Increasing Farmers Profitability" has successfully completed by Miss Suman Baliyan (Roll. No. 168553211) under the supervision of Dr. Ashwani Kumar Dean, of Bioscience and co-supervision of Miss. Tanushri, Assistant Professor faculty of Bioscience. The matter embodied in this project work has been submitted in partially fulfillment of the requirement for the award of degree of Master of Science in Biotechnology, CCS University Meerut. The project/ dissertation work not used for award any other Degree/ Diploma course in any other university/ institution.

  
(Dr. Ashwani Kumar)  
Dean and Supervisor  
Faculty of Bioscience

  
(Miss. Tanushri)  
Co-supervisor  
Faculty of Bioscience

  
(Dr. Aditya Gautam)  
Director

  
Co-ordinator  
Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



**Shri Guru Ram Rai Institute of Medical & Health Sciences  
Shri Mahant Indresh Hospital**

Patel Nagar, Dehradun - 248 001


**Central Molecular Research Laboratory (CMRL)  
Department of Biochemistry**

Ref. No. CMRL/ 804

Date: 19.07.2018

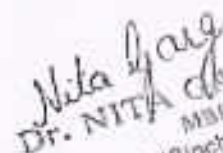
**Certificate**

This is to certify that Mohd Anas, student of M.Sc. Biotechnology from Shri Ram College, Muzaffarnagar, Uttar Pradesh affiliated with Chaudhary Charan Singh University, Meerut, Uttar Pradesh has undergone Project Training entitled, "Study on Rheumatoid Arthritis factor and HLA-B27 sequence specific alleles by PCR" from 20<sup>th</sup> January 2018 to 19<sup>th</sup> July, 2018 towards the partial fulfillment of the requirement for M.Sc. Biotechnology Degree. This work should not be published, even in part without the prior written permission of the undersigned. His work and conduct during the period was good.

  
Dr. NAROTAM SHARMA  
SCIENTIST  
CENTRAL MOLECULAR RESEARCH  
LABORATORY  
SGRTM & H.S., D.DUN


**Dr. Narotam Sharma  
(Scientist)**


**In-Charge: Molecular Diagnostics Division,  
Training Coordinator: CMRTF  
Central Molecular Research Laboratory (CMRL).**

  
Dr. NITA GARG  
MBBS, MD  
(Biochemistry)  
Professor & Head  
Department of Biochemistry

Central Molecular Research Laboratory is with all the facilities for Advanced Molecular Characterization of Pathogens. Involved in Molecular Mycobacteriology, Virology, Molecular Oncology, Genetic Disorders & Autoimmune Disorders.

Approved Center for the Molecular Characterization of Swine Flu (H1N1) Virus by National Center for Disease Control (NCDC), New Delhi and Ministry of Health and Family Welfare, New Delhi, Govt. Of India

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



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CIRCULAR ROAD MUZAFFARNAGAR

**'A' Grade Accredited by NAAC**

Date 24/Nov/2018

## Certificate

This is to certified that the project work entitled "Studies on Rheumatoid Arthritis (RA) Factor and HLA-B27 Sequence Specific Alleles by PCR." has successfully completed by Mr. Mohd. Anas (Roll. No.168553212) under the supervision of Dr. Shahanavaj Khan, Associate Professor Deptt. of Biosciences. The matter embodied in this project work has been submitted in partially fulfilment of the requirement for the award of degree of Master of Science in Biotechnology, CCS University Meerut. The project/ dissertation work not used for award any other Degree/ Diploma course in any other university/institution.

(Dr. Shahanavaj Khan)  
Supervisor  
Faculty of Biosciences

(Dr. Ashwani Kumar)  
Dean  
Faculty of Biosciences

(Dr. Aditya Gautam)  
Director

Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

Principal  
Shri Ram College  
Muzaffarnagar





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CIRCULAR ROAD, MUZAFFARNAGAR

**'A' Grade Accredited by NAAC**

Date 29/10/2018

## Certificate

This is to certify that the project work entitled "Analysis of paper mill effluent and its effects on different parameters of growing wheat (DBW-17) seeding" has successfully completed by Miss. Neetu Choudhary (Roll. No. 168553213) under the supervision of Dr. Shahanavaj Khan, Associate Professor Deptt. of Bioscience and co-supervision of Mrs. Prachi Srivastav, Assistant Professor of Bioscience department. The matter embodied in this project work has been submitted in partially fulfillment of the requirement for the award of degree of Master of Science in Biotechnology, CCS University Meerut. The project/ dissertation work not used for award any other Degree/ Diploma course in any other university/institution.

(Dr. Shahanavaj Khan)  
Supervisor  
Dept. of Bioscience

(Dr. Ashwani Kumar)  
Dean, Bioscience

(Dr. Aditya Gautam)  
Director

Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

Principal  
Shri Ram College  
Muzaffarnagar



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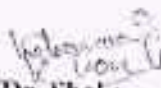
**'A' Grade Accredited by NAAC**

Date... 26/11/18

## CERTIFICATE

This is certified that the project work entitled **SALMONELLA TYPHIMURIUM PROTEIN TARGETING IN HOST NUCLEUS AND THEIR IMPLICATION IN COLON CANCER: AN IN SILICO STUDY** has successfully completed by **monika** (Roll No: 168553207), under the supervision of **Dr. Shahnavaj Khan** Associate Professor of Bioscience department. The matter embodied in this project work has been submitted in partially fulfilment of the requirement for the award of degree of Master of science in Biotechnology from CCS University, Meerut. The Project/ Dissertation work not used for award for any other degree/diploma course in any other University/Institution.

  
(Dr. Ashwani Kumar)  
Dean  
Department of Bioscience

  
(Dr. Shahnavaj Khan)  
Supervisor  
Associate Professor  
Department of Bioscience

  
(Dr. Aditya Gantam)  
Director  
SRC, Muzaffarnagar

  
Co-ordinator  
IOAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



# SHRI RAM COLLEGE

(Affiliated to CCS University, Meerut & Approved by NCTE)

CIRCUIARROAD,MUZAFFARNAGAR

**'A' Grade Accredited by NAAC**


Date 29.10.2018

## Certificate

This is to certified that the project work entitled "Analysis of paper mill effluent and its effects on different parameters of growing wheat (DBW-17) seeding" has successfully completed by Miss. Nectu Choudhary (Roll. No. 168553213) under the supervision of Dr. Shahanavaj Khan, Associate Professor Deptt. of Bioscience and co-supervision of Mrs. Prachi Srivastav, Assistant Professor of Bioscience department. The matter embodied in this project work has been submitted in partially fulfillment of the requirement for the award of degree of Master of Science in Biotechnology, CCS University Meerut. The project/ dissertation work not used for award any other Degree/ Diploma course in any other university/institution.

  
(Dr. Shahanavaj Khan)  
Supervisor  
Dept. of Bioscience

  
(Dr. Ashwani Kumar)  
Dean, Bioscience

  
(Dr. Aditya Gautam)  
Director

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



# SHRI RAM COLLEGE

(Affiliated to CCS University, Meerut & Approved by NCTE)


CIRCULAR ROAD, MUZAFFARNAGAR


**'A' Grade Accredited by NAAC**

Date: 30.09.18


## CERTIFICATE

This is certified that the project work entitled "Macroscopic, Microscopic, Physiochemical and TLC Assisted Phytochemical Characterization of Punarnava (*Boerhaavia diffusa* Linn.)" has successfully completed by Miss. Shiva Bhardwaj (Roll no: 168553215) under the supervision of Dr. Ashwani Kumar, Dean of Biosciences and Co-supervision of Miss Akansha Kushwaha Assistant Professor of Biosciences Department. The matter embodied in this project work has been submitted in partially fulfilment of the requirement for the award of degree of Master of Science in Biotechnology, CCS University, Meerut. The Project/ Dissertation work not used for award for any other Degree/Diploma course in any other University/Institution.

  
(Akansha Kushwaha)  
Co-Supervisor  
Assistant Professor  
Faculty of Biosciences

  
(Dr. Ashwani Kumar)  
Dean and Supervisor  
Faculty of Biosciences

  
(Dr. Aditya Gautam)  
Director

  
Co-ordinator  
IOAC, Shri Ram College  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar



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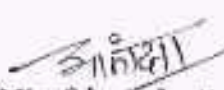
CIRCULAR ROAD, MUZAFFARNAGAR


**'A' Grade Accredited by NAAC**

Date: 30.02.18


## CERTIFICATE

This is certified that the project work entitled "Studies on Optimization, Production, and Characterization of Ecozyme Bio-cleaner and Liquid Organic Manure Lom from Fruit-Vegetable Trash with Microbial Inoculums" has successfully completed and submitted by Miss. Vaishali Dhiman (Roll No.168553216) under the supervision of Dr. Ashwani Kumar, Dean, Faculty of Biosciences and co-supervision of Miss. Akamsha, Assistant Professor, Faculty of Biosciences. The matter embodied in this project work has been submitted in partial fulfillment of the requirement for the award of degree of Master of Science in Biotechnology from CCS University, Meerut. The project/Dissertation work not use for award for any other degree/diploma course in any other University/Institution.

  
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