



R. C. Patel Educational Trust's
R. C. Patel Arts, Commerce and Science College
Shirpur-425405, Karvand Naka, Dist.- Dhule (Maharashtra)
E-mail - principal@repsc.ac.in

Affiliated to: K. B. C. North Maharashtra University, Jalgaon-425001

Self Study Report (SSR): 2024 (4th Cycle)



Criteria - 1
Curricular Aspects

Key Indicator - 1.3
Curriculum Enrichment

Metric No. - 1.3.2 (QnM)

Percentage of students undertaking project work/field work/ internships
(Data for the latest completed academic year)

Submitted to
National Assessment and Accreditation Council, Bangalore



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Karvand Naka, Shirpur 425405, Dist - Dhule, Maharashtra

☎: (02563) 299328

E-mail: principal@rcpasc.ac.in

President

Hon. Bhupeshbhai Patel

Principal

Dr. D. R. Patil

Date: 15/06/2024

Declaration

This is to declare that, the information, reports, true copies of the supporting documents, numerical data etc. submitted in these files is verified by Internal Quality Assurance Cell (IQAC) and it is correct as per the office record.

This declaration is for the purpose of NAAC accreditation of the HEI for the 4th cycle assessment period 2018-19 to 2022-23.

Place: Shirpur

Date: 15/06/2024

Dr. Sandip P. Patil

IQAC Co-ordinator

IQAC Coordinator

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Shirpur, Dist.-Dhule (M.S.) 425405



Dr. D. R. Patil

IQAC Chairman & Principal

PRINCIPAL

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Shirpur, Dist.-Dhule (M.S.) 425405



R. C. Patel Educational Trust

**R. C. Patel Arts, Commerce
and Science College Shirpur**

**Project /Field Work
Certificate**

2018 - 2019

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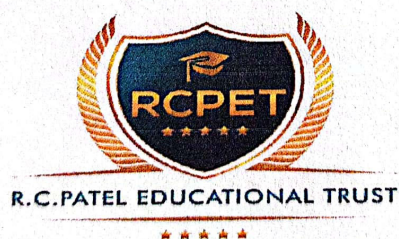
A
Project Report
On
“PREPARATION AND OPTICAL PROPERTIES OF Pbs THIN
FILMS
BY CBD METHOD”

Submitted to
North Maharashtra University, Jalgaon

For the award of the degree
Bachelor of Science in Physics

Submitted By
Miss. Bagul Chetana Subhash

UNDER THE GUIDANCE OF
Dr.A.M.Patil



Department of Physics

R. C. Patel Arts, Commerce and Science College
Karwand Naka, Shirpur 425405, Dist– Dhule, Maharashtra.




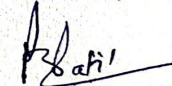
**R. C. Patel Arts, Commerce & Science College
Shirpur, Dist. Dhule (M.S)**

CERTIFICATE

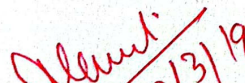
Department of Physics


**This is to certified that Miss. Bagul Chetana Subhash
Has satisfactorily carried out project work entitled "**Preparation and
Optical Properties of PbS Thin Films by CBD Method**" for the degree of
B.Sc. in physics as laid down by North Maharashtra University,
Jalgaon during Academic Year 2018-19.**


Internal Examiner
20/5/2019


Project Guide
Dr. A. M. Patil

College seal


External Examiner
20/5/19


Head
Department of Physics
R.C.Patel Arts, Commerce & Science College,
Shirpur, Dist. Dhule

A
REPORT ON
“Study on Impact of Social Media on Students”

Submitted By:

Bagale Aradhna Ravindra
Email ID: baglearadhna4@gmail.com

and

Dhangar Darshana Bhaskar
Email ID:
dhangardarshana@gmail.com

Guided by

Miss Aparna V. Jagtap
Email ID: aparnajagtap14@gmail.com

Department of Computer Application



**R. C. Patel Arts, Commerce and Science
College, Shirpur, Dhule. 425405**

Submitted to

K. B. C. North Maharashtra University, Jalgaon.

[2018-19]



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College

Karwand Naka, Shirpur-425405, Dist.-Dhule, Maharashtra
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E Mail : dr.drpatil@gmail.com

President
Hon. Bhupeshbhai Patel

Principal
Dr. D. R. Patil

Out Ward No. RCP/ /

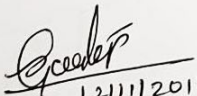
Date: / /200

CERTIFICATE

This is to certify that **Bagale Aradhna Ravindra and Dhangar Darshana Bhaskar** students of **T.Y.BCA (SEM-V)** has completed their Field work on “Study on Impact of Social Media On Students” under the guidance of **Miss.Aparna Jagtap** during the academic year 2018-19.

Date: 12/11/2018

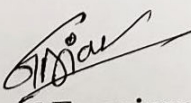
Place: Shirpur

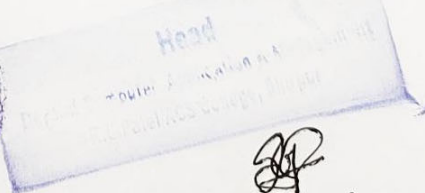

12/11/2018
Guide


Miss. A.V. Jagtap


H.O.D

Dr. A. M. Patil


Internal Examiner




External Examiner
S.G. Shukh

A
REPORT ON
“E-Mobile Shop Management System”

Submitted By
Mali Ravindra suresh

Guided by
Mr. R. A. Mali

Department of Computer Application

**R. C. Patel Arts, Commerce and Science College,
Shirpur, Dhule. 425405**



Submitted to

**K. B. C. North Maharashtra University, Jalgaon.
[2018-19]**



R. C. Patel Educational Trust's

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Karwand Naka, Shirpur-425405, Dist.-Dhule, Maharashtra

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President

Hon. Bhupeshbhai Patel

Principal

Dr. D. R. Patil

Out Ward No. RCP/ /

Date: / /200

CERTIFICATE

This is to certify that **Mr. Mali Ravindra Suresh** student of **TYBCA** has completed their Project work on “**E-Mobile Shop Management System**” for the “**K. B. C. North Maharashtra University, Jalgoan**” under the guidance of **Prof. R. A. Mali** during the academic year 2018-19.

Date: 11/04/2019

Place: Shirpur


Guide

Prof. R. A. Mali


H.O.D

Dr. A. M. Patil
Head of Department
Computer Application
R.C.Patel Arts, Comm. & Sci. College
Shirpur Dist Dhule


Internal 1




External 2

A
REPORT ON
“E-Commerce Management System”

Submitted By

Ahire Mamata Bhatu

**Guided by
Mr. R. A. Mali**

Department of Computer Application

**R. C. Patel Arts, Commerce and Science College,
Shirpur, Dhule. 425405**



Submitted to

K. B. C. North Maharashtra University, Jalgaon.

[2018-19]



R. C. Patel Educational Trust's

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President

Hon. Bhupeshbhai Patel

Principal

Dr. D. R. Patil

Out Ward No. RCP/ /

Date: / /200

CERTIFICATE

This is to certify that **Ms. Ahire Mamata Bhatu** student of **TYBCA** has completed their Project work on “**E-Commerce Management System**” for the “**K. B. C. North Maharashtra University, Jalgoan**” under the guidance of **Prof. R. A. Mali** during the academic year 2018-19.

Date: 11/04/2019

Place: Shirpur


Guide

Prof. R. A. Mali




H.O.D

Dr. A. M. Patil
Head of Department
Computer Application
R.C. Patel Arts, Comm. & Sci. College
Shirpur Dist Dhule


Internal 1


External 2

A

REPORT ON

“E-Mobile Shop Management System”

Submitted By

Patil Ashawini Bhatu

Guided by

Mr. R. A. Mali

Department of Computer Application

R. C. Patel Arts, Commerce and Science College,
Shirpur, Dhule. 425405



Submitted to

K. B. C. North Maharashtra University, Jalgaon.

[2018-19]



R. C. Patel Educational Trust's
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President
Hon. Bhupeshbhai Patel

Principal
Dr. D. R. Patil

Out Ward No. RCP/ /

Date: / /200

CERTIFICATE

This is to certify that **Ms. Patil Ashwini Bhatu** student of **TYBCA** has completed their Project work on “**Electronic Gadget Management System**” for the “**K.B.C North Maharashtra University, Jalgoan**” under the guidance of **Prof.R. A. Mali** during the academic year 2018-19.

Date:11/04/2019

Place: Shirpur

Prof. R. A. Mali
Guide

Prof. R. A. Mali

Dr. A. M. Patil
H.O.D

Dr. A. M. Patil
Head of Department
Computer Application
R.C.Patel Arts, Comm. & Sci. College
Shirpur Dist Dhule



Prof. R. A. Mali
Internal 1

Dr. A. M. Patil
External 2

A
REPORT ON
“Online Movie Ticket Booking System ”

Submitted By
Nere Karishama Ravindra

Guided by
Mr. R. A. Mali

Department of Computer Application

**R. C. Patel Arts, Commerce and Science College,
Shirpur, Dhule. 425405**



Submitted to

K. B. C. North Maharashtra University, Jalgaon.

[2018-19]



R. C. Patel Educational Trust's
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Hon. Bhupeshbhai Patel

Principal
Dr. D. R. Patil

Out Ward No. RCP/ /

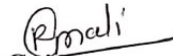
Date: / /200

CERTIFICATE

This is to certify that **Ms. Nere Karishma Ravindra** student of **TYBCA** has completed their Project work on “**Online Movie Ticket Booking System**” for the “**K. B. C. North Maharashtra University, Jalgoan**” under the guidance of **Prof.R. A. Mali** during the academic year 2018-19.

Date:11/04/2019

Place: Shirpur


Guide

Prof. R. A. Mali


H.O.D

Dr. A. M. Patil
Head of Department
Computer Application
R.C.Patel Arts, Comm. & Sci. College
Shirpur Dist Dhule


Internal 1




External 2

A
PROJECT REPORT ON
“SPORT SHOP MANAGEMENT SYSTEM”
FOR
“SPORT SHOPMANAGEMENT SYSYEM. SHIRPUR”

Submitted By:
UWEZ ALI MOIEN ALI

Guided by:
Prof. Mr. G.K.BIDE



R. C. Patel Educational Trust's

R .C.Patel, Arts, Commerce and Science
College, Shirpur, Dhule.425405

Department of Computer and Management

[2018-19]

Submitted to

K.B.C.North Maharashtra University, Jalgaon.



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☎ : (02563)267328 Fax No. : 256170-255189

E Mail : dr.drpatil@gmail.com

Hon. Bhupeshbhai Patel

Dr. D. R. Patil

Out Ward No. RCP/ /

Date: / / 2019

CERTIFICATE

This is to certify that **Mr.Uwez Ali Sayyad Ali** has completed their project entitled **"SPORT SHOP MANAGEMENT SYSTEM"**, for practical fulfillment of **BACHLOR OF BUSINESS MANAGEMENT (E-COMMERCE)** for **K.B.C. North Maharashtra University Jalgaon** under our guidance during academic year 2018-19.

This performs and the system is up to make and we are satisfied with the same.

Date: 12/04/2019

Place: Shirpur


Prof. G.K. Bide


Project Guide


Prof. A.K. More

H.O.D


Internal: 1




External: 2
Dr. D. M. Manshke

A
Project Report On
"ONLINE EXAMINATION SYSTEM"

For
R. C. Patel Art's, Commerce and Science College, Shirpur

Submitted By
Mr. Baisane Nikhil Daga

Guided By
Prof. A. J. Maheshwari

In Partial Fulfillment of the Degree of
MASTER OF COMPUTER SCIENCE
(M.Sc. Computer)

Under
KAVAYITRI BAHINABAI CHAUDHARI
NORTH MAHARASHTRA UNIVERSITY, JALGAON

Submitted To



R. C. Patel Educational Trust's,
R.C. PATEL ARTS, COMMERCE & SCIENCE COLLEGE,
SHIRPUR, 425405 DIST. DHULE (M.S.)
[2018-19]



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College

Karwand Naka, Shirpur-425405, Dist.-Dhule, Maharashtra

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E Mail : dr.drpatil@gmail.com

President

Hon. Bhupeshbhai Patel

Principal

Dr. D. R. Patil

Out Ward No. RCP/106/2020

Date: 21/10/2020

CERTIFICATE

Department of Computer Science

This is to certify that Mr. Baisane Nikil Daga a final year student of Master of Computer Science(MSC) of **R.C. Patel College, Shirpur, Dist.-Dhule**, has successfully completed the project entitled "Online Exam System" under the guidance of Prof. A. J. Maheshwari during the year 2019-20.

(Mr. A. J. Maheshwari)

Guide

(Mr. B.S. Panchabhai)

Head of Dept. Computer
Head of Department
Computer Science
Science R. C. Patel College,
R.C. Patel Arts, Commerce & Science
College, Shirpur
Shirpur Dist.-Dhule



External-1

External-2

**(NH₄)₂HPO₄ CATALYZED ONE POT SYNTHESIS OF
4-ARYLIDENE-3-METHYL ISOXAZOL-5(4H)-ONES**

A Thesis Submitted to

KAVAYITRI BAHINABAI

NORTH MAHARASHTRA UNIVERSITY, JALGAON

For the degree of

MASTER OF SCIENCE

In

ORGANIC CHEMISTRY

By

Mr. Jaipalsing Nimba Girase

Under the guidance of

Mr. J. P. SONAWANE



R. C. Patel Educational Trust

**DEPARTMENT OF CHEMISTRY
R.C. PATEL A. S. C. COLLEGE, SHIRPUR
DIST-DHULE 425405
2018-19**

R.C.PATEL A.C.S. COLLEGE, SHIRPUR



R C Patel Educational Trust

DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that the project report on “(NH₄)₂HPO₄ Catalyzed One Pot Synthesis of 4-arylidene-3-methylisoxazol-5(4H)-ones” has been submitted by Mr.Jaipalsing Nimba Girase. In part fulfillment of degree of Master of Science in Organic Chemistry under our guidance and supervision in the department of Organic chemistry, under the aegis of North Maharashtra University, Jalgaon.

The material that has been obtained from other sources has been duly acknowledged in the report. The work has not been submitted elsewhere for a degree or other academic award.

Dr. J.P.Mahashabde
Head

Mr. J. P. Sonawane
Guide

1 | (NH₄)₂HPO₄ Catalyzed One Pot Synthesis of 4-arylidene-3-methylisoxazol-5(4H)-ones

A PROJECT REPORT ON

**“Comparative Study of C & X - Band Microwave Frequencies
of Soils”**

Submitted By

Mr. Bhagyesh Pradip Ahirrao

For

M.Sc. (Physics)

Under the Guidance of

Dr. Avinash A. Patil

Year – 2018-19

Department of Physics

**R. C. Patel Arts, Commerce and Science College, Shirpur.
Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.**

CERTIFICATE

This is to certify that the project report titled "**Comparative study of C & X-Band Microwave frequencies for soils**". for M.Sc. (Physics) is a work carried out by Mr. Bhagyesh Pradip Ahirrao of R. C. Patel Arts, Commerce and Science College, Shirpur, for fulfillment of M.Sc. course of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon under our supervision in the Department of Physics in the academic year 2018-19.

Internal Examiner

External Examiner

Project Guide
(Dr. Avinash A. Patil)

Date: 18/4/2019

Place: Shirpur

Examined
20/04/2019

Patil
20/03/19



Patil
Head
Department of Physics
R.C. Patel Arts, Com. & Sci. College
Shirpur, Dist. Dhule



A
Project Report

On

Study of Indian Goat Breeds

Submitted to the N.M.U. JALGAON
for the partial fulfilment of the degree
Bachelor of Science in Zoology.

Submitted By:

Mr. Pathan Arbaz Jabaz khan
T.Y.B.Sc [Zoology]

Guided By:

Dr. M.C. Agale

Department of Zoology

R. C. Patel Arts Commerce and Science College,

Shirpur, Dist- Dhule

Shirpur - 425405

Academic Year : 2018-19



CERTIFICATE

This is to certify that Pathan Arbaz Jabaz Khan from B.Sc
Zoology has carried out the project work
on “ Study of Indian Goat Breeds ” and submitted the report in the
premises of Department of Zoology
under the guidance of Dr. M.C.Agale during year 2018-19

Date: 20/2/19


Place: Shirpur

Internal Examiner

External Examiner

12/11/19
25.7.19

Project Guide:- M.C.Agale


Head
Department of Zoology
R.C. Patel Arts, Com. & Sci. College
Shirpur, Dist. Dhule

R.C. Patel Arts Commerce and Science College
Shirpur, Dist-Dhule (MS)

A

Project Report On

“Isolation, Characterization and Evaluation of Probiotic Properties of *Lactobacillus* from Different Flowers.”

A DISSERTATION SUBMITTED TO

KAVAYITRI BAHINABAI CHAUDHARI

NORTH MAHARASHTRA UNIVERSITY' JALGAON

In Partial fulfilment for the degree of
MASTER OF SCIENCE

(Microbiology)

Submitted By

Miss. Girnar Dipti D.

Miss. Patil Rupali V.

Mr. Patil Pradip C.

Mr. Gurav Mahesh A.

Mr. Valvi Sunil C.

Under the Guidance of

Prof. Mahesh P. Patil.

R .C. Patel Art's, Science and Commerce

College, Shirpur



Department of Microbiology

R .C. Patel Art's, Science and Commerce

College, Shirpur Dist- Dhule 425405 2018-2019



**R .C. Patel Art's, Science and Commerce
College, Shirpur**

Tel: (02563) -257328 (Off.) (02563)-259034, Fax: (02563)-255189

Department of Microbiology and Biotechnology

CERTIFICATE

This is to certify that project entitled "Isolation, Characterization and Evaluation of Probiotic Properties of *Lactobacillus* from Different Flowers." submitted for partial fulfilment of Degree of "Master of Science in Microbiology" was carried out in the laboratories of R. C. Patel A. S. C. College, Shirpur. Submitted by **Miss. Girnar Dipti D. Miss. Patil Rupali v. Mr. Patil Pradip C. Mr. Gurav Mahesh A. Mr. Valvi Sunil C.**

The work is presented in this dissertation was carryout under my guidance and supervision.

Place: Shirpur

Date: 21/04/2019

GUIDE

Prof. Mahesh P. Patil

Ass. Professor

R .C. Patel A. Sc. & C.

College, Shirpur

Internal Examiner

Dr. Ravindra H. Patil

Head,

Department of Microbiology
and Biotechnology

External Examiner

**To study the Isolation of *Azotobacter* and it's
Application as a Bio-fertilizer**

A

Research Dissertation Submitted to

**Kavayatri Bahinabai Chaudhari North Maharashtra
University, Jalgaon. (MS)**

For Partial Fulfilment of the Degree of Master of Science

In Biotechnology

(2018-2019)

Project Guide

Dr. R. H. Patil

Submitted By

Miss.Bhavsar Shruti S.

Miss.Navale Sneha V.

Miss.Patil Karishma Y.

Mr.Shimpi Rupesh G.

Miss.Verma Anupama O.



Department of Biotechnology

**R. C. Patel Art's, Commerce and Science College, Shirpur Dist.
Dhule**

KAVAYITRI BAHINABAI CHAUDHARI NMU, JALGAON
R.C.PATEL ARTS, COMMERCE AND SCIENCE COLLEGE,
SHIRPUR

DEPARTMENT OF BIOTECHNOLOGY




CERTIFICATE


This is to certify that the work entitle “**To Study the Isolation of *Azotobacter* and it’s Application as a Bio- Fertilizer**” is a carried out by **Miss. Bhavsar Shruti S, Miss. Navale Sneha V, Miss. Patil Karishma Y, Mr. Shimpi Rupesh G and Miss. Verma Anupama O.** under the supervision of Dr. R.H. Patil at department of biotechnology, R. C.Patel ACS College, Shirpur towards the partial fulfilment of master of Science in Biotechnology during the academic year 2018-2019.

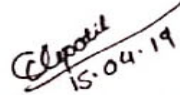
Place: Shirpur

Date: / 4 / 2019


Dr. R. H. Patil
Project Guide,
Department of Biotechnology




Dr. R. H. Patil
Head,
Department of Biotechnology


15.04.19
Internal Examiner


15.4.19
External Examiner

A

Project Report On

**“EVALUATION OF INSECTICIDAL EFFICACY OF
MORINGA OLEIFERA AND *RICINUS COMMUNIS* EXTRACT
AGAINST *ALEUROLOBUS BARODENSIS*.”**

SUBMITTED TO

KAVAYITRI BAHINABAI CHAUDHARI

NORTH MAHARASHTRA UNIVERSITY, JALGAON

IN PARTIAL FULFILMENT

FOR THE DEGREE OF

MASTER OF SCIENCE

(Microbiology)

Submitted By

Miss. Dhanwani Mamta D.

Mr. Pawar Shubham S.

Mr. Lohar Prashant N.

Mr. Patil Ashwin G.

Miss. Gujar Mayuri P.

Under the guidance of

Dr. R.H. Patil

Head,

Department of Microbiology and biotechnology



Department of Microbiology and Biotechnology

R .C. Patel Art's, Science and Commerce

College, Shirpur Dist-Dhule 425405

2018-2019



**R. C. Patel Art's, Science and Commerce
College, Shirpur**

Tel: (02563) -257328 (Off.) (02563)-259034, Fax: (02563)-255189

Department of Microbiology and Biotechnology

CERTIFICATE


This is to certify that project entitled "Evaluation of Insecticidal Efficacy of *Moringa oleifera* and *Ricinus communis* extract against *Aleurolobus barodensis*," submitted for partial fulfilment of Degree of "Master of Science in Microbiology" was carried out in the laboratories of R. C. Patel A. S. C. College, Shirpur. Submitted by **Miss. Dhanwani Mamta D., Mr Pawar Shubham S., Mr. Lohar Prashant N., Mr. Patil Ashwin G. and Miss. Gujar Mayuri P.** The work is presented in this dissertation was carryout under my guidance and supervision.

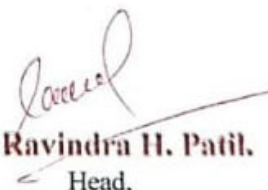
Place: Shirpur

Date: 21/04/2019


GUIDE

Dr. Ravindra H. Patil.
Head,
Department of Microbiology
and Biotechnology


21/04/19
Internal Examiner


Head,

Dr. Ravindra H. Patil.
Head,
Department of Microbiology
and Biotechnology


21/04/19
External Examiner

A
Project Report on
**Production and purification of Xylanase from
Aspergillus niger isolated from corn cobs**

A DISSERTATION SUBMITTED
TO
**KAVAYITRI BAHINABAI CHAUDHARI
NORTH MAHARASTRA UNIVERSITY, JALGAON**

IN PARTIAL FULFILLMENT FOR THE DEGREE OF
**MASTER OF SCIENCE
(MICROBIOLOGY)**

Submitted By
Mr. Shubham S. Saner
Ms. Nilam V. Mali
Ms. Neha P. More
Ms. Manisha R. Patil
Ms. Sunayana S. Ahire

GUIDE
Dr. Sandip P. Patil
Asst. Professor
Department of Microbiology

CO-GUIDE
Prof. Leena P. Shirsath
Asst. Professor
Department of Biotechnology

Department of Microbiology and Biotechnology
R. C. Patel Art's, Commerce and Science College, Shirpur
Dist-Dhule 425405,
2018-19



Department of
**MICROBIOLOGY &
BIOTECHNOLOGY**

R.C.Patel A.C.S.College,
Shirpur (Dist-Dhule), MS
Tel: (02563)-257328(Off.)
Web: www.mbbtshirpur.in

CERTIFICATE

This is to certify that project entitled “**Production and purification of Xylanase from *Aspergillus niger* isolated from corn cobs**” is the original research work carried out by **Mr. Shubham Saner, Ms. Nilam Mali, Ms. Neha More, Ms. Manish Patil, and Ms. Sunayana Ahire** under supervision of **Dr. Sandip P. Patil** and **Prof. Leena P. Shirsath** in the partial fulfilment of degree of **Master of Science (Microbiology)** during the academic year 2018-19 at R. C. Patel A. S. C. College, Shirpur.

The work presented in this dissertation was carried out under my guidance and supervision. The findings reported in this dissertation are not allowed to publish in any journal without the permission from research guide.

Place: Shirpur

Date: 20/04/2019

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