

DEPARTMENT OF BIOTECHNOLOGY
SESSION 2021-2022
M.Sc. II Semester IV
DISSERTATION TOPIC LIST

Sr. no.	Name of students	Topics for Dissertation
1.	Arkesh Asampelli	Biodegradation of polythene bag using bacteria isolated from soil
2	Hitashree Bawane	Production of citric acid by <i>Aspergillus Niger</i> isolated from rotted onion bulb
3	Ashvini Bhagat	Isolation, Screening and identification of laccase producing fungi
4	Pratiksha Bhoyar	Production of wine from banana
5	Megha Chourasia	Antimicrobial activity of leaf extract of Guava leaf
6	Chonita Gourkar	In vitro Micro propagation in Hibiscus (<i>Rosa-Sinesis</i>)
7	Mehara Gourkar	Isolation, Screening and Characterization of <i>Actinomycetes</i> from soil
8	Rina Jumde	Isolation and characterization of various fungal strain from agriculture soil contaminated with pesticides
9	Akanksha jumna	Production and quality Evaluation of Wine from Watermelon juice and Ginger extract
10	Punam Karekar	Isolation of hydrocarbon degrading bacteria petroleum contaminated soil
11	Aakansha Khobragade	In vitro micro propagation of Aloe vera (<i>barbadensis miller</i>)
12	Pranali Lohe	In vitro Micro propagation in potato (<i>Solanum tuberosum</i>)
13	Anjali Matami	In vitro micro propagation of banana (<i>cultivo de tejidos</i>)
14	Pornima Meshram	Production and Characterization of alkaline protease from <i>S. aureus</i>
15	Shweta meshram	Antifungal activity of Aegle marmelos (L.) <i>Correa</i> (<i>Rutaceae</i>) leaf extract dermatoph
16	Swati Hande	Biocidal activity of seed extracts of fruits against soil borne bacteria and fungal plant pathogens
17	Kajal Myakalwar	Production of vermicompost and use of bio fertilizer in tomato crop
18	Shital Pachbhai	In vitro micro propagation in sugarcane
19	Usha Ponnala	Biosynthesis of silver nanoparticle from citrus fruit
20	Tushar Sonule	Effect of different levels nitrogen and phosphorus fertilization on yield of cotton
21	Nilima Zade	Antimicrobial production by microbes isolated from soil
22	Vaishnavi Meshram	

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that Miss. Hitashree S Bawaneis a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2021-2022. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

“PRODUCTION OF CITRIC ACID BY ASPERGILLUS SPECIES”

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master of Science in Biotechnology.

Dr. V. S. Wadhai

Co-ordinator

P. G. Department of Biotechnology,

Sardar Patel Mahavidyalaya,

Chandrapur

Date:

Place: Chandrapur

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR
POST GRADUATED DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that **Miss. Swati M. Hande** is a bona fide student of **M.Sc. Semester IV Biotechnology** of this college for the session 2021-2022. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

“BIOCIDAL ACTIVITY OF SEED EXTRACTS FRUITS AGAINST SOIL BORNE BACTERIAL AND FUNGAL PLANT PATHOGENS”

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of **Master of Science in Biotechnology.**

Dr. P. M. Katkar

Principal,
Sardar Patel Mahavidyalaya,
Chandrapur

Date:

Place: Chandrapur

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR
POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to certify that the project report entitled

**“ISOLATION, SCREENING AND IDENTIFICATION OF LACCASE
PRODUCING FUNGI”**

Submitted by

Miss Ashvini Mahendra Bhagat

For the partial Fulfillment of the requirement for The Award of Degree in Master of Science in
Biotechnology submitted to the Gondwana University, Gadchiroli for the session 2021-2022.

This project is carried out by her under my supervision

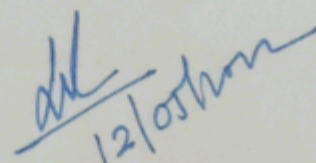
Miss Mona A. Dahake

Lect. Incharge

Department of Biotechnology

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Dr. V. S. Wadhai

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CERTIFICATE

This is to certify that Miss Mehara G. Gaurkar is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2021-2022. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the the project entitled

**“ISOLATION, CHARACTERIZATION AND SCREENING OF
ANTIMICROBIAL-PRODUCING ACTINOMYCETES FROM SOIL
SAMPLES”**

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master of Science in Biotechnology.

evaluated.
R.G.
30/5/22

Dr. P. M. Katkar

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Place: Chandrapur

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CERTIFICATE

This is to certify that **Miss. Rina G. Jumade** is a bonafide student of **M.Sc. Semester IV Biotechnology** of this college for the session 2021-2022. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

“ISOLATION AND CHARACTERIZATION OF VARIOUS FUNGAL STRAIN FROM AGRICULTURE SOIL CONTAMINATED WITH PESTICIDES”

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of **Master of Science in Biotechnology**.

Dr. P. M. Katkar

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CERTIFICATE

This is to certify that Miss CHONITA D. GAURKAR is a bonafide student of M.Sc. part II (Semester IV) Biotechnology of this college for the session 2021-2022. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled "*IN VITRO MICROPROPAGATION OF HIBISCUS (ROSA SINENSIS LINN)*"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of degree of Master of Science in Biotechnology.

checked,
R.S.
29/5/22

Dr. P. M. Katkar

Principal

Sardar Patel Mahavidyalaya,

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Principal
Sardar Patel Mahavidyalaya
Chandrapur

Date: 26/4/22

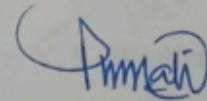
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CERTIFICATE

This is to certify that **Miss Aakansha Gokuldas Khobragade** is a bonafide student of M.Sc. part II (Semester IV) Biotechnology of this college for the session 2021-2022. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled "**IN VITRO MICROPROPAGATION OF ALEOVERA**"

This dissertation is being submitted to Godwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of **Master of Science in Biotechnology**.



Dr. P. M. Katkar

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*Evaluated
R. S. Wadhai
27/5/22*

Date –

Place - Chandrapur

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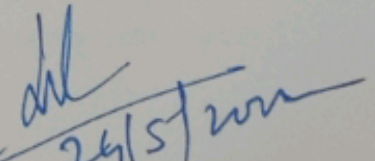


CERTIFICATE

This is to certify that Miss. Punam S. Karekar is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2021-2022. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

“ISOLATION OF HYDROCARBON DEGRADING BACTRIA FROM PETROLEUM CONTAMINTED SOIL”

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master of Science in Biotechnology.


Dr. V. S. Wadhai

Co-ordinator

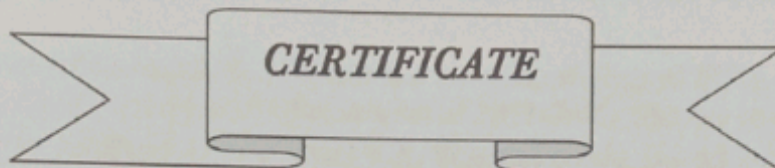
P. G. Department of Biotechnology,
Sardar Patel Mahavidyalaya,
Chandrapur

Date: 24/05/2022

Place: Chandrapur

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR
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2022.1



This is to certify that **Miss Anjali B. Matami** is a bonafide student of M.Sc. semester IV (BIOTECHNOLOGY) of this college for the session of 2021-2022. She has completed her dissertation under the guidance of **Prof. (Dr) V.S. Wadhai** on the project entitle, "***In Vitro micropropagation of Banana Plant (Musa)***"

This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of Degree in **Master of Science in Biotechnology**.

Place: Chandrapur

Date:

Dr. P.M. Katkar

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CERTIFICATE

This is to certify that **Miss. Pornima A. Meshram** is a bonafide student of **M.Sc. Semester IV Biotechnology** of this college for the session 2021-2022. He has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled **“Production and Characterization of alkaline protease from S. Aureus”**

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of degree of **Master of Science in Biotechnology**.

Dr. P.M. Katkar

Principal

Sardar Patel Mahavidyalaya,
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POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that **Miss. Akanksha V. Jumna** is a bonafide student of **M.Sc. Semester IV Biotechnology** of this college for the session 2021-2022. He has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled "**Production and Quality Evaluation of Wine from Watermelon Juice and Ginger Extract**"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of **Master of Science in Biotechnology**.

Handwritten signature and date:
V. S. Wadhai
31/5/22

Dr. P.M. Katkar

Principal

Sardar Patel Mahavidyalaya,

Chandrapur

Principal

Sardar Patel Mahavidyalaya
Chandrapur

Date : 25/04/2022

Place : Chandrapur

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POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that **Mr. Arkesh B. Asampelli** is a bonafide student of **M.Sc. Semester IV Biotechnology** of this college for the session 2021-2022. He has completed his dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled **“BIODEGRADATION OF POLYTHENE BAG USING BACTERIA ISOLATED FROM SOIL”**

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of degree of **Master of Science in Biotechnology**.

evaluated
[Signature]
30/5/22

[Signature]

Dr. P.M. Katkar

Principal

Sardar Patel Mahavidyalaya,

Chandrapur

Date :

Place : Chandrapur

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR
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CERTIFICATE

This is to certify that Mrs. MEGHA KUMARI is a bonafide student of M.Sc. Semester IV **Biotechnology** of this college for the session 2021-2022. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled "**ANTIMICROBIAL ACTIVITY FROM THE LEAF EXTRACT OF PSIDIUM GUAJAVA**"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of degree of **Master of Science in Biotechnology**.

Handwritten signature and date:
Balwant
R.S.
21/5/22

Dr. P.M. Katkar

Principal

Sardar Patel Mahavidyalaya,

Chandrapur

Principal

Sardar Patel Mahavidyalaya

Chandrapur

Date: 26-04-22

Place: Chandrapur

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POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that Miss Usha M. Ponnala is a bonafide student of M.Sc. semester IV **Biotechnology** of this college for the session 2021-2022. she has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled "**BIOSYNTHESIS OF SILVER NANOPARTICLE FROM CITRUS SINENSIS AND ITS ANTIMICROBIAL ACTIVITY**"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of degree of **Master of Science in Biotechnology**.

Sahrabudh
3/15/22

Dr. P. M. Katkar

Principal

Sardar Patel Mahavidyalaya,

Chandrapur

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Place : Chandrapur

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

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CERTIFICATE

This is to certify that **Miss. Shweta J. Meshram** is a bonafide student of **M.Sc. Semester IV Biotechnology** of this college for the session 2021-2022. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

**“ANTIFUNGAL ACTIVITY OF AEGLE MARMELLOS (L.) COREEA (RUTACEAE)
LEAF EXTRACT ON DERMATOPHYTES”**

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of **Master of Science in Biotechnology**.

Shweta J. Meshram
R.S.
13/15/22

Dr. P. M. Katkar
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Sardar Patel Mahavidyalaya
Chandrapur

Sardar Patel Mahavidyalaya,

Chandrapur

Date: 23/04/2022

Place: Chandrapur

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POST GRADUATED DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that **Miss. Nilima S. Zade** is a bonafide student of **M.Sc. Semester IV**
Biotechnology of this college for the session 2021-2022. She has completed her
dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

“ANTIBIOTIC PRODUCTION BY MICROBES ISOLATED FROM SOIL”

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial
fulfillment of the requirement for the award of degree of **Master of Science in**
Biotechnology.

Dr. P. M. Katkar

Principal,

Sardar Patel Mahavidyalaya,

Chandrapur

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Sardar Patel Mahavidyalaya

Chandrapur

Date:

Place: Chandrapur

202

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POST GRADUATED DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that **Miss. Pratiksha R. Bhojar** is a bonafide student of **M.Sc. Semester IV Biotechnology** of this college for the session 2021-2022. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

“PRODUCTION OF WINE FROM BANANA (Musa Sapientum)”

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of **Master of Science in Biotechnology**.

Dr. P. M. Katkar

Principal,

Sardar Patel Mahavidyalaya,

Chandrapur

Date:

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SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

POST GRADUATE DEPARTEMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that Miss PRANALI KALIDAS LOHE is a bonafide student of M.Sc. part II (Semester IV) Biotechnology of this college for the session 2021-2022. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled "*IN VITRO MICROPROPAGATION OF POTATO (SOLANUM TUBERSUM L)*"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of degree of **Master of Science in Biotechnology.**

Dr. P. M. Katkar

Principal
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Sardar Patel Mahavidyalaya,
Chandrapur

Chandrapur

Date: 23-04-2022

Place: Chandrapur

SARDAR PATEL MAHAVIDYALAYA , CHANDRAPUR
POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that **Miss. Kajal D. Myakalwar** is a bonafide student of **M.Sc. Semester IV Biotechnology** of this college for the session 2021-2022. He has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled “**production of vermicompost and use of biofertilizer in tomato crop**”

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of degree of **Master of Science in Biotechnology**.

Dr. P.M. Katkar

Principal

Sardar Patel Mahavidyalaya,

Chandrapur

Principal
Sardar Patel Mahavidyalaya
Chandrapur

Date : 26-4-2022

Place : Chandrapur

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR
POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that is a SHITAL G. PACHBHAI bonafide student of **M.Sc. Semester IV Biotechnology** of this college for the session 2021-2022. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled "**MICROPROPAGATION OF SUGARCAN**"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of **Master of Science in Biotechnology**.

Dr. V. S. Wadhai

Co-ordinator

P. G Department of Biotechnology

Sardar Patel Mahavidyalaya

Chandrapur.

Date:

Place: Chandrapur