

**SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR**  
**POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY**



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This is to certify that **Miss Disha Kishor Porekar** is a bonafide student of M.Sc.(Sem -IV) Biotechnology of this college for the session 2022-2023. She has completed her dissertation under the guidance of **Dr. VIJAY S. WADHAI** on the project entitled

**"ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL ANALYSIS OF  
MEDICINAL PLANT *KALANCHOE PINNATA* (PATHARCHATTA)**

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**.

Date:- 29/3/23

Place:- Chandrapur

**Dr. P.M. Katkar**

Principal

Sardar Patel Mahavidyalaya,  
Chandrapur

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This is to certify that **Miss Payal Sanjay Patel** is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2022-2023. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled  
**“ISOLATION AND SCREENING OF BIOSURFACTANT PRODUCING BACTERIA FROM HYDROCARBON CONTAMINATED 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**

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This is to certify that **Miss Shivani Vinod Keshattiwar** is a bonafide student of M.Sc. Semester IV Biotechnology of this collage for the session 2022-2023. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled " **GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES BY USING BANANA PEEL EXTRACT AS CAPPING AGENT AND ITS BACTERIAL ACTIVITY** "

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**

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This is to certify that **Mr. Nishant Dnyaneshwar Kakde** is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2022-2023. He has completed his dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

**"IN VITRO SHOOTS MULTIPLICATION OF SAPODILLA (MANILKARA ZAPOTA VAN ROYEN) WITH MODIFIED MS MEDIA"**

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**



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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.**

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**"BIODEGRADATION OF PHENOL 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**

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This is to certify that **Miss. Aishwarya Shriram Jadhao** is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2022-2023. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

**"PHYTOCHEMICAL ANALYSIS AND ANTIMICROBIAL ACTIVITY OF FICUS RELIGIOSA (PEEPAL) LEAVES EXTRACT"**

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.**

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This is to certify that **Miss Swarda Kishor Wakade** is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2022-2023. She has completed his dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

**“CONTAMINATION AND IDENTIFICATION OF MICROBES OF OPERATION THEATRE OF HOSPITALS FROM CHANDRAPUR”**

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**

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This is to certify that **Ms. Shivani S. Dhawale** is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2022-2023. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled "**BIOREMEDIATION OF TEXTILE DYE EFFLUENT BY *BACILLUS* AND *PSEUDOMONAS***"

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**.

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This is to certify that **Miss Ritika Rajkumar Rajurkar** is a bonafide student of M.Sc Semester IV Biotechnology of this college for the session 2022-2023. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

**“ISOLATION AND CHARACTERISATION OF BROMELAIN FROM PINEAPPLE AND COMPAIRING IT'S ANTI-BROWNING ON APPLE JUICE WITH COMMERCIAL ANTI-BROWNING AGENTS”**

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

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**“ IN VITRO MICROPROPAGATION OF TEAK ( *TECTONA GRANDIS* ) ”**

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**

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This is to certify that that **Miss. Swati P. Rajurkar** is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2022-2023. He has completed his dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

**"PRODUCTION OF WINE FROM GRAPES"**

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.**

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This is to certify that **Miss Shruti S. Bansod** is a bonafide student of **M.Sc. Semester IV Biotechnology** of this college for the session 2022-2023. She has completed her dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled **“EVALUATION OF PHYTOCHEMICAL AND ANTIMICROBIAL ACTIVITY OF *CARISSA CARANDAS* (KARONDA) PLANT EXTRACT”**

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.**

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This is to certify that **Mr. Sarang Vinod Shende** is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2022-2023. He has completed his dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

**“EVALUATION OF ANTAGONISTIC POTENTIAL OF SOIL  
BACTERIA AGAINST PLANT PATHOGENIC FUNGUS  
*ASPERGILLUS NIGER*”**

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**.

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**"IN- VITRO PROPAGATION OF ORANGE( CITRUS SINENSIS OSBECK)  
BY USING EXPLANT( SEED)"**

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.**

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This is to certify that **Mr. Diwakar Mallalah Pitta** is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2022-2023. He has completed his dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

**"EFFECT OF PROBIOTIC BACTERIA ON FISH GROWTH AND EVALUATION OF PHYSICAL PARAMETERS"**

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**

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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**

A handwritten signature in blue ink, appearing to read 'Dr. P. M. Kafkar', is written over a faint circular watermark or background.

**Dr. P. M. Kafkar**

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This is to certify that that **Miss. Shrabonti B. Mukherjee** is a bonafide student of **M.Sc. Semester IV Biotechnology** of this college for the session **2022-2023**. She has completed Her Dissertation under the guidance of **Dr. V. S. Wadhai** on the project entitled

**"ISOLATION AND CHARACTERIZATION OF ACTINOMYCETES FROM MARINE SOIL SAMPLE"**

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**.

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**“TO IDENTIFY THE PHYTOCHEMICAL CONSTITUENTS FOR MATAKI BEANS (VIGNA ACONITIFOLIA)”**

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.**

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Dr. V. S. Wadhai on the project entitled

**"PRODUCTION OF POLYHYDROXYBUTYRATE (PHB) BY BACTERIAL STRAIN ISOLATED FROM RHIZOSPHER 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**

  
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