

**A
THESIS
ON**

**PLANT EXTRACT MEDIATED GREEN SYNTHESIS OF SILVER
NANOPARTICLES AND THEIR BIOLOGICAL ACTIVITIES**

Submitted For

**The Partial Fulfillment of the Requirement for the Award of Degree of
MASTER OF PHARMACY (PHARMACOGNOSY)**

Session 2020-2022



SUPERVISED BY

Dr. Arjun Patra
(M. Pharm., Ph.D., Postdoc)
Assistant Professor

SUBMITTED BY

Ms. Apoorva Dwivedi
Enrollment No.: GGV/20/06306
Roll No.: 20706002

DEPARTMENT OF PHARMACY,
GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)

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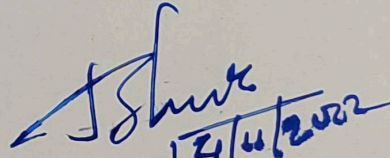
DEPARTMENT OF PHARMACY
GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.) 495009
(A Central University Established by the Central Universities Act 2009 No. 25 of
2009)
Tel. No.07752-260027, FaxNo.:07752-260148

Forwarding Certificate

This is to certify that **Ms. Apoorva Dwivedi** D/o Mr. Vikas Dwivedi is a student of M. Pharm. 4th Semester (Pharmacognosy) at Department of Pharmacy, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) has submitted her project work entitled "**Plant extract mediated green synthesis of silver nanoparticles and their biological activities**" for the partial fulfillment of the requirement for the degree of **Master of Pharmacy (Pharmacognosy)**. She has completed her project work under the supervision of **Dr. Arjun Patra** (Assistant Professor). Her work is original, satisfactory and is not submitted anywhere else for the award of any degree.

I hereby forward her project work in M. Pharm. (Pharmacognosy) during the academic session 2021-2022.

Forwarded by


12/11/2022

Dr. Bharti Ahirwar

Associate Professor

Head of Department

Head

Department of Pharmacy
Guru Ghasidas Vishwavidyalaya
(A Central University)
Bilaspur (C.G.)

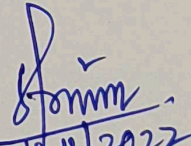


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I hereby recommend her project work for **M. Pharm. (Pharmacognosy)** during the academic session 2021- 2022.


19/11/2022
(Supervisor)

Dr. Arjun Patra

M. Pharm., Ph.D., PostDoc

(Assistant Professor)

Dr. Arjun Patra
Assistant Professor,
Institute of Pharmacy
Guru Ghasidas Vishwavidyalaya
(A Central University)
Bilaspur (C.G.) 495 009



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2009)
Tel. No.07752-260027, Fax No.:07752-260148

Declaration

I hereby declare that my project work entitled "**Plant extract mediated green synthesis of silver nanoparticles and their biological activities**" was done by me. The entire work was done with the guidance and suggestion received from my supervisor **Dr. Arjun Patra** (Assistant Professor) at Department of Pharmacy, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.). The thesis is submitted at Department of Pharmacy, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) for the partial fulfillment of the requirement for the degree of **Master of Pharmacy (Pharmacognosy)**.

I hereby declare that I have not submitted this thesis previously for the award of any degree or diploma.

Date: 14/11/22

Place: Bilaspur

Ms. Apoorva Dwivedi
M. Pharm. (4th semester)
(Pharmacognosy)

Enroll No.: GGv/20/06306

Roll No.: 20706002

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Apoorva Dwivedi
14/11/22
(APOORVA DWIVEDI)

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