# "IN VITRO EVALUATION OF GREEN SILVER NANOPARTICLES OF Hibiscus sabdariffa FOR TREATMENT OF LUNG CANCER"

A

Thesis

Submitted for Partial fulltime of the requirement for the award of degree of

MASTER OF PHARMACY
[PHARMACOGNOSY]



Session 2020-2022

Dr. Bharti Ahirwar (M. Pharm., Ph.D.) Associate Professor SUBMITED BY
Priyanka Sahu
M. Pharm. IV semester
Enroll No.: GGV/20/06334

Roll No.: 20706011

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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#### FORWARDING CERTIFICATE

This is to certify that Ms. Priyanka Sahu D/o Mr. Sushil Kumar Sahu is a student of M.Pharm. IV semester in Department of Pharmacy (GGV) has submitted her project report entitled "In vitro evaluation of green silver nanoparticles of *Hibiscus sabdariffa* for treatment of lung cancer" for the partial fulfilment of the requirement for the Degree of Master of Pharmacy (Pharmacognosy) at Department of Pharmacy, GGV Bilaspur (C.G.). She has completed her project work under the supervision of Dr. Bharti Ahirwar (Associate professor)

I hereby forward her project report in M. Pharm. (Pharmacognosy) during the academic session 2020-2022.

Date: 14-11-2022

Place: BILASPUR

Dr. Bharti Ahirwar

Associate Professor and HOD Department of Pharmacy, G.G.V. Bilaspur (C.G.)

Head

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



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#### **CERTIFICATE**

This is to certify that Ms. Priyanka Sahu D/o Mr. Sushil Kumar Sahu student of M. Pharm. IV semester, Department of Pharmacy, (GGV) has submitted her project report entitled "In vitro evaluation of green silver nanoparticles of *Hibiscus sabdariffa* for treatment of lung cancer" for the partial fulfillment of the requirement for the Degree of Master of Pharmacy (Pharmacognosy) at Department of Pharmacy, GGV Bilaspur (C.G.). She has completed his project report under my supervision.

I hereby forwarding her project report for the award of degree of M. Pharm. (Pharmacognosy) during the academic session 2020-2022.

I wish her every success in future life.

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Place: BILASPUR

Supervised By 11 (202)

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#### **DECLARATION**

I hereby declare that the project report entitled "In vitro evaluation of green silver nanoparticles of *Hibiscus sabdariffa* for treatment of lung cancer" was done by me. The entire work was done with the guidance and suggestion received from my supervisor **Dr. Bharti Ahirwar** (Associate Professor) at Department of Pharmacy, GGV, Bilaspur (C.G.). The same is submitted to Guru Ghasidas Vishwavidyalaya Bilaspur for the partial fulfillment of the requirement for the degree of **Master of Pharmacy** (**Pharmacognosy**).

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Sincerely thanks to all.

Date: 14-11-22

Place: BILAS PUR

Priyanka Sahu

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