

**PREPARATION AND CHARACTERIZATION OF
PACLITAXEL LOADED SURFACE MODIFIED
LIPOSOMES FOR THE EFFECTIVE TREATMENT
OF BRAIN TUMOR**

A THESIS
SUBMITTED IN PARTIAL FULFILLMENT
FOR THE DEGREE OF

MASTER OF PHARMACY
2018

SUBMITTED BY
Vaishali Tiwari

SUPERVISED BY
Prof. Sanjay K. Jain



Forwarded
16/18/18

विभागाध्यक्ष
Head

भैषजिक विज्ञान विभाग

DEPARTMENT OF PHARMACEUTICAL SCIENCES
डॉक्टर हरीसिंह गौर विश्वविद्यालय, सागर (म.प्र.)
DOCTOR HARISINGH GOUR VISHWAVIDYALAYA, SAGAR (M.P.)
(केन्द्रीय विश्वविद्यालय A CENTRAL UNIVERSITY)

Department of Pharmaceutical Sciences
Dr. Harisingh Gour Vishwavidyalaya
(A Central University)
Sagar (M.P.) – 470003

Y16254012

Prof. S. K. Jain
M. Pharm., Ph.D.
Professor of Pharmaceutics
Dean, school of engineering &
Technology; Head,
Department of
Pharmaceutical
Sciences



Department of Pharmaceutical Sciences
Dr. Harisingh Gour Vishwavidyalaya
Sagar, (M.P) 470003, INDIA
Tel No: +91-7582-265457
Fax : +91-7582-264236, 264163
Email : drskjainin@gmail.com
drskjainin@yahoo.com

CERTIFICATE

This is to certify that **Ms. Vaishali Tiwari** has submitted her dissertation entitled "PREPARATION AND CHARACTERIZATION OF PACLITAXEL LOADED SURFACE MODIFIED LIPOSOMES FOR THE EFFECTIVE TREATMENT OF BRAIN TUMOR", in partial fulfillment of the requirement for the degree of Master of Pharmacy, with her truly and honestly observed inferences during the work. She has completed her project under my supervision. Her work is original, satisfactory and is not submitted anywhere else for the award of any degree.

I hereby forward her dissertation.

Date: 14.8.2018


Prof. Sanjay K. Jain

Supervisor