

**DEVELOPMENT AND CHARACTERIZATION OF
CYCLODEXTRIN BASED NANOSPONGES
ENCAPSULATING METHOTREXATE FOR THE
MANAGEMENT OF RHEUMATOID ARTHRITIS**

*A THESIS
SUBMITTED IN PARTIAL FULFILLMENT
FOR THE DEGREE OF*

MASTER OF PHARMACY



*Forwarded,
Vandana 16/12/18*
✓
RECEIVED
16/12/18
DEPARTMENT OF PHARMACEUTICAL SCIENCES
DR. HARISINGH GOUR VISHWAVIDYALAYA, SAGAR (M.P.)
(A CENTRAL UNIVERSITY)

SUPERVISED BY:
Prof. S.P.Vyas

SUBMITTED BY:
Nagma Banjare
Y16254015

Department of Pharmaceutical Sciences
Dr. Harisingh Gour Vishwavidyalaya
(A Central University)
Sagar (M.P.) – 470003
2018

Prof. S. P. Vyas
Professor of Pharmaceutical
Biotechnology
Ph.D. (Pharmaceutics), Post-Doc.



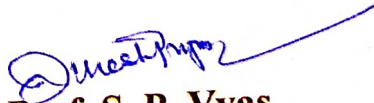
**Department of Pharmaceutical
Sciences**
Dr. H.S. Gour Vishwavidyalaya,
Sagar (M.P.) 470 003 INDIA
Phone: +91-9425451910
E-mail: spvyas54@gmail.com

Date: 16/08/2018

CERTIFICATE

This is to certify that Miss Nagma Banjare has submitted her dissertation entitled "**DEVELOPMENT AND CHARACTERIZATION OF CYCLODEXTRIN BASED NANOSPONGES ENCAPSULATING METHOTREXATE FOR THE MANAGEMENT OF RHEUMATOID ARTHRITIS**", in partial fulfillment of the requirement for the degree of Master of Pharmacy to Dr. Harisingh Gour Vishwavidyalaya, Sagar with her truly and honestly observed inferences during her work. She has completed her project under my supervision and her work is satisfactory.

I hereby forward her dissertation.


Prof. S. P. Vyas
Supervisor

Prof. S. P. Vyas
Dept. of Pharmaceutical Sciences
Dr. H.S. Gour Vishwavidyalaya
Sagar (M.P.) - 470003