



# Jamia Hamdard

(Hamdard University)

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dated 10.5.1989 of the Government of India)

Phone : 2605 9688 (12 Lines)  
Fax : 00-91-11-26059663  
E-mail : inquiry@jamiahamdard.edu  
Website : www.jamiahamdard.edu

HAMDARD NAGAR  
NEW DELHI - 110062

Dated: \_\_\_\_\_

## CERTIFICATE

This is to certify that the thesis entitled “ *In vitro* Morphogenetic and Biochemical studies of *Cichorium intybus* L.” submitted to Faculty of Science, Jamia Hamdard, New Delhi, in the fulfillment of the requirements for the award of degree for Doctor of Philosophy in Botany, embodies the original research work carried out by **Ms. Rehana Hamid** under joint supervision of **Dr. Mahmooduzzafar**, **Prof. Azra N. Kamili** and **Dr. A. Mujib** has not submitted in part or full for any degree or diploma of this thesis or any other university.

It is further certified that the scholar fulfills all the requirements as laid down by the university for the purpose of submission of Ph.D thesis.

**Dr. Mahmooduzzafar**  
(Supervisor)  
Associate Professor  
Department of Botany  
Jamia Hamdard,  
New Delhi

**Prof. Azra N. Kamili**  
(Co-Supervisor)  
Director & Head  
Centre of Research for Development  
& P.G Department of  
Env. Science University of Kashmir,  
Srinagar

**Dr. A. Mujib**  
(Co-supervisor)  
Assistant Professor  
Department of Botany  
Jamia Hamdard,  
New Delhi

**Head**  
Department of Botany  
Jamia Hamdard, New Delhi

Forwarded by:

**Dean**  
Faculty of Science  
Jamia Hamdard, New Delhi



**DEPARTMENT OF BOTANY**  
Punjabi University, Patiala-147 002  
(Established under Punjab Act No. 35 of 1961)  
Phone: 0175-3046265(Head), 0175-3046266(Office)

## CERTIFICATE

This is to certify that the work contained in this thesis entitled, "*In vitro* regeneration and analysis of active principles of *Rheum* species growing in the Kashmir Himalaya" embodies the research work carried out by SHAGOON TABIN herself under our supervision and that it is worthy of consideration for the award of the Ph.D. degree.

Supervisor  
Prof. R.C. Gupta  
Department of Botany,  
Patiala, 147002.

Co-Supervisor  
Dr. Azra N. Kamili  
Senior Professor (Botany)  
Centre of Research for Development,  
University of Kashmir Srinagar, 190006.

Prof. & Head  
Deptt. of Botany  
Pbi. University Patiala

Dated: July 15, 2015

