



Thapar University

CERTIFICATE

Certified that the thesis “**Evaluation and production of bacosides from selected clones of *Bacopa monnieri* (L.) Wettst.**” which is submitted by **Ms. Mahima Bansal**, in fulfilment of the requirement for the award of the degree of **Doctor of Philosophy** in the **Department of Biotechnology**, Thapar University, Patiala, is a record of the candidate’s own independent and original research work carried out by her under our supervision and guidance. The matter embodied in this thesis has not been submitted in part or full to any other University or Institute for the award of any degree.

A handwritten signature in blue ink, appearing to read 'Anil Kumar'.

(Dr. Anil Kumar)
Associate Professor
Department of Biotechnology,
Thapar University,
Patiala – 147004
Punjab

A handwritten signature in blue ink, appearing to read 'M. Sudhakara Reddy'.

(Dr. M. Sudhakara Reddy)
Professor
Department of Biotechnology
Thapar University,
Patiala – 147004
Punjab

(Dr. Dinesh Goyal)
Head & Professor
Department of Biotechnology,
Thapar University,
Patiala – 147004
Punjab