

# DECLARATION

I, Bhawana Gupta, hereby declare that the Thesis entitled **“Shikonin: Comparative Study of Signaling Pathways in Multiple Therapeutic Areas”** submitted to the Department of Bio & Nano Technology, Guru Jambheshwar University of Science & Technology, Hisar, Haryana for the award ~~of~~ **Doctorate of Philosophy in Biotechnology** research work and has been done by me in Department of Bio & Nano Technology, Guru Jambheshwar University of Science & Technology, Hisar, Haryana and TCG Life Sciences Kolkata, West Bengal, India. No part of this thesis has been submitted by me, in part or full, for the award of any other degree or diploma to this or any other University. Information derived from the published and unpublished work has been duly acknowledged.

She has followed the UGC Regulations 2009. She has attended Pre -PhD Course work of six months.

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