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**Department of Pharmaceutical Engineering & Technology
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It is certified that the work contained in the thesis titled “**Design, Synthesis and Evaluation of Some Novel 1, 4-Naphthoquinone Derivatives to Treat Cancer**” by **Mousumi Besan** has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirements of Comprehensive Examination, Candidacy and SOTA for the award of Ph.D. Degree.

Date:

Place: IIT (BHU), Varanasi

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DECLARATION BY THE CANDIDATE

I, **Mousumi Besan**, certify that the work embodied in this Ph.D. thesis is my own bona-fide work and carried out by me under the supervision of **Prof. Sushant Kumar Shrivastava** for a period of about **6 years from July 2013 to June 2019** at the **Department of Pharmaceutical Engineering & Technology, Indian Institute of Technology (Banaras Hindu University), Varanasi**. The matter embodied in this Ph.D. thesis has not been submitted for the award of any other degree/diploma.

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Place: IIT (BHU), Varanasi

Mousumi Besan

It is certified that the above statement made by the student is correct to the best of our knowledge.

**Prof. Sushant K. Shrivastava
(Head of the Department)**

**Prof. Sushant K. Shrivastava
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