



Department of Pharmaceutical Engineering & Technology  
Indian Institute of Technology  
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It is certified that the work contained in the thesis titled “**Development and Immunological Evaluation of Hepatitis B Surface Antigen Loaded Nanoparticles for Vaccination**” by *Hitesh Kumar Dewangan* has been carried out under my supervision and that this work has been not submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirements of Course work, Comprehensive, Candidacy, SOTA and Pre-submission seminar.

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