

**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE  
PILANI (RAJASTHAN)**

**CERTIFICATE**

This is to certify that the thesis entitled "**Inventory Modelling and Optimization for High Technology Products with Successive Generations**" and submitted by **Gaurav Nagpal, ID No. 2016PHXF106P** for the award of Ph.D. degree of the institute, embodies original work done by him under my supervision.

Signature of the Supervisor :  
Name of the Supervisor :  
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