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**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI  
PILANI CAMPUS, RAJASTHAN, INDIA**


**CERTIFICATE**

This is to certify that the thesis entitled " **Artificial Intelligence Driven  
Cross-platform Web Security Solutions**", submitted by **Amit Kumar Singh**  
ID.No **2012PHXF419P** for the award of Ph.D. degree of the Institute,  
embodies original work done by him under my supervision.

Signature of the supervisor :   
Name : **Navneet Goyal**

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Date : \_\_\_\_\_

Signature of the co-supervisor :   
Name : **R S Panwar**

Designation : Lt Gen

Date : 19 August 2021