



Nov 24, 2024

# Ratna Katiyar

has successfully completed

## Introduction to Hardware and Operating Systems

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja  
Global Program Director  
IBM Skills Network

## COURSE CERTIFICATE



Verify at:  
<https://coursera.org/verify/8X9LP2ER35SK>

Coursera has confirmed the identity of this individual and  
their participation in the course.