

INDIAN INSTITUTE OF HARDWARE TECHNOLOGY LIMITED

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This is to certify that Nalla Perumal

has successfully completed the course on Apache Spark 3 for Data Engineering and Analytics with

Python

offered by **IIHT**

Ina Bajwa

Date: 09/09/2023

Ina Bajwa

Vice President, HR - TCL

Manjunath Rao

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Head- IIHT-ELS