



CERTIFICATE *of* ACHIEVEMENT



CAROLINE ROSS

Caroline Ross

Toyota Professor of Materials Science and Engineering
Massachusetts Institute of Technology

Sanjay Sarma

Sanjay Sarma

Dean of Digital Learning
Massachusetts Institute of Technology

This is to certify that

Josué Marciano de Oliveira Cremonezzi

successfully completed and received a passing grade in

**3.15x: Electrical, Optical, and Magnetic Materials and
Devices**

a course of study offered by MITx, an online learning
initiative of The Massachusetts Institute of Technology through edX.

VERIFIED CERTIFICATE
Issued July 14, 2015

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