



CERTIFICATE  
*Issued December 20th, 2013*

This is to certify that

**Girija Shanker Tiwari**

successfully completed

***PHYS102x: Electricity & Magnetism***

a course of study offered by **RiceX**, an online learning  
initiative of **Rice University** through **edX**.

A handwritten signature in black ink, appearing to read "Jason Hafner".

**Jason Hafner**  
Associate Professor of Physics and Astronomy  
and of Chemistry  
**Rice University**

A handwritten signature in black ink, appearing to read "Cylette Willis".

**Cylette Willis**  
Online Education Program Director  
**Rice University**

A handwritten signature in black ink, appearing to read "Caroline Levander".

**Caroline Levander**  
Vice Provost for Interdisciplinary Initiatives  
and Digital Education  
**Rice University**

HONOR CODE CERTIFICATE

\*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/f11f8b28e22d4da4b4f36bdf692df088>