

Statement of Participation

iversity hereby certifies that **Raj Kumar** has participated in the following course offered by Universität Hamburg:

The Fascination of Crystals and Symmetry

Taught from April 2014 to June 2014 by Dr. Frank Hoffmann, Dipl.-Chem. Michael Sartor, and Prof. Dr. Michael Fröba.

This course covered the basics of crystallography. Participants were introduced to the classification of crystals according to crystal systems, crystal classes and space groups; furthermore, to metal-organic frameworks and the basics of network topology.

About Universität Hamburg

The University of Hamburg is the largest institution for research and education in the north of Germany. As the country's fourth-largest university, it offers a diverse course spectrum and excellent research opportunities.



iversity.org is a higher education online platform, enabling a global community of learners to study with excellent professors from all over the world. This certificate does not affirm that the student was enrolled at the mentioned institution(s) or confer any form of degree, grade or credit. The course did not verify the identity of the student.