



The University of Manchester

Aug 30, 2025

Syed Zaryab Ali Shah

has successfully completed

Introduction to Molecular Spectroscopy

an online non-credit course authorized by University of Manchester and offered through Coursera

A handwritten signature in black ink that appears to read "P. J. O'Malley".

Dr Patrick J O'Malley, DSc
School of Chemistry
The University of Manchester

COURSE CERTIFICATE



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Coursera has confirmed the identity of this individual and
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