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Faculty of Mathematics and Natural Sciences  
Mulawarman University

## CERTIFICATE OF ATTENDANCE

THIS ACKNOWLEDGES THAT

**Suardi**

HAS SUCCESSFULLY COMPLETED THE

ONLINE CHEMISTRY CLASS SERIES (OCCS)

LECTURE 4: Recent Advances on the Density-Functional Tight-Binding  
Applications: Proton Transfer and Chemical Reactions



2 June 2020



*[Signature]*  
Dr. Eng. Idris Mandang, M.Si

Dean