

**Synthesis, Characterization and Catalytic Soot Oxidation studies using,
oxides of Mn, W, Mo and their nanocomposites**

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by

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Date: April 2024

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DECLARATION BY STUDENT

I hereby declare that the data presented in this dissertation report entitled "Synthesis, Characterization and Catalytic Soot Oxidation studies using oxides of Mn, W, Mo and their nanocomposites" is based on the results of the investigation carried out by me in the physical chemistry at School of Chemical Sciences, Goa university under the supervision of Dr Pranay.P. Morajkar and the same has not been submitted elsewhere for the award of a degree or diploma by me. Further, I understand that Goa university or its authorities will not be responsible for the correctness of observations/ experimental or other findings given the dissertation.

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Date: 26/4/2024

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COMPLETION CERTIFICATE

This is to certify that the dissertation report "Synthesis, Characterization and Catalytic Soot Oxidation studies using oxides of Mn, W, Mo and their nanocomposites" is a bonafide work carried out by Ms. Amisha Ruth Colaco under my supervision in partial fulfilment of the requirements for the award of the degree of Masters of Science in physical chemistry in the discipline chemistry at the school of chemical sciences, Goa University.



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