

Paper ID

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Paper Title

Morphology-Engineered Copper Nanocrystals for Highly Selective Direct Methane Oxidation to C2 Oxygenate under Mild Conditions

Short CV

Ms. Thahira Saliya is a final-year **PhD researcher in Chemistry** at **King Fahd University of Petroleum and Minerals (KFUPM)**, **Saudi Arabia**, working in the **Catalysis and Carbon Utilization Laboratory**. Her doctoral research focuses on the thermal catalytic conversion of methane into value-added liquid oxygenates.

She completed her **B.Sc. Chemistry** (2017–2020) at Justice Basheer Ahmed Sayeed College for Women and her **M.Sc. in Physical Chemistry** (2020–2022) at the **University of Madras**, where she graduated as the **University Topper** and received the **Prof. Dr. T. Balakrishnan Endowment Gold Medal**, presented by the **Hon'ble President of India, Smt. Droupadi Murmu**.

At KFUPM, she also serves as a **Graduate Teaching Assistant and Graduate Ambassador**. She has received several academic and research recognitions, including a recent Best Poster Award at an international scientific conference.

