

UIO-66-NH₂: A Multifunctional MOF for Targeted Drug Delivery

Report of work carried out during the

Research Internship in Department of Chemical Engineering, IIT MADRAS

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Based on the research work carried out under the supervision of

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TO WHOM IT MAY CONCERN

This is to certify that **Mr. Aryan Yadav**, a student in 4th Year, in Chemical Engineering, from the Guru Ghasidas Vishwavidyalaya has undergone Research Internship under my guidance for the tenure of 1 month starting from 20th May 2024 till 20th June 2024.

During the aforementioned period, he has been found to be punctual and diligent. He had worked on preparation of UiO-66-NH₂ MOF and its application in drug uptake. After his internship duration, he presented his findings in report form. His topic of interest was “**UIO-66-NH₂: A Multifunctional MOF for Targeted Drug Delivery**”. This experience has furthered his skills in topics such as preparation and characterization of Metal Organic Frameworks.

During his internship, I found him to be very humble, intelligent, and had a keen aptitude for research. I wish him all the best for his future endeavours.

Sankha Karmakar
20/6/24.

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