Hydrothermal synthesis of novel 1D/2D Oxygen-doped g-C_3N_4/MoO_3-MoS_2 nanocomposite for photocatalytic organic degradation

Project report submitted to the University of Mysore for
the award of the degree of

Master of Science

in

Physics

By

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DECLARATION

We, **Ranjitha K.** and **Prathiksha B. M.**, hereby declare that the project report entitled **Hydrothermal synthesis of novel 1D/2D Oxygen-doped g-C_3N_4/MoO_3-MoS_2 nanocomposite for photocatalytic organic degradation** is the result of research work done by us in fourth semester of the Master's degree in Physics under the supervision of **Dr. Lokanath N. K.**, Professor, Department of Studies in Physics, University of Mysore, Manasagangotri, Mysuru. We are submitting this project report for the award of the degree of Master of Science (M.Sc.) in Physics of the University of Mysore, Mysuru, India. We further declare that this research work or any part of it has not been submitted for the award of any other degree, diploma or associateship of this or any other University or Institution.

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