



# Poornaprajna Institute of Scientific Research

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## CERTIFICATE

This is to certify that the work incorporated in this project report “**PALLADIUM MODIFIED TIN-OXIDE NANOPARTICLES FOR HYDROGEN GAS SENSING APPLICATION**” was carried out at Poornaprajna Institute of Scientific Research by **MAVIN JASON PINTO**, student of M.Sc. Chemistry in partial fulfillment of requirement for the award of degree of Master of Science in Chemistry, from St. Aloysius college, Autonomous affiliated to Mangaluru University during the academic year 2022-2023. This work is a bona fide record of the work carried out by the student under my supervision at Poornaprajna Institute of Scientific Research, Bengaluru and all the IP rights shall remain with the institute.

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