



FAKIR MOHAN UNIVERSITY

VYASA VIHAR, BALASORE-89, ODISHA, INDIA

Post Graduate Department of Chemistry

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CERTIFICATE

This is to certify that the thesis entitled "A REVIEW AND INVESTIGATION ON THE BIO-SYNTHESIS OF LANTHANUM OXIDE NANOPARTICLES" submitted to Fakir Mohan University for the partial fulfilment of the award of the degree of Master of Science in chemistry, carried out by Miss TAPASWINI PATI, M.Sc. 4th semester student of P.G Dept. of Chemistry, Fakir Mohan University, Vyasa Vihar, Odisha, India under my direct supervision and guidance during the academic year 2021-2022.

I further certify that, to the best of my knowledge and belief:

The dissertation work is adequate in fulfilling the requirements for the award of the degree of Master of Science in Chemistry and She has a very good moral character.

I wish Miss Tapaswini Pati all success and achievement in her life.

Date: 23/07/2022

Place: Balasore

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