

राष्ट्रीय भौतिक प्रयोगशाला

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्) NATIONAL PHYSICAL LABORATORY

(Council of Scientific and Industrial Research)

डा० के. एस. कृष्णन् मार्ग, नई दिल्ली-110012 Dr. K.S. Krishnan Marg, New Delhi-110012



CERTIFICATE

Date: 20/12/2021

It is certified the **Ms. Komal Jain** has carried out the project work presented in this major project entitled "*Development of organic conjugated polymer material for enegry harvesting* (*polythiophene*)" for the award of Master of Science in Physics, Lingaya's Vidyapeeth, Faridabad India. It is further certified that she has completed the project work under the supervision of Dr. Rajiv Kumar Singh (External Supervisor) in National Physical Laboratory, New Delhi. This work done in this project is the result of candidate's own effort and has not been submitted elsewhere for the award of degree/diploma in any other Institute/University.

The project work has been carried out from 3rd February 2021 to 31st July, 2021.

Dr. Rajiv K Singh

Pr. Scientist & Associate Professor
Academy of Scientific and Innovative Research (AcSIR)
CSIR-National Physical Laboratory
Advanced Materials & Devices Metrology
Email: rajivsingh@nplindia org

Mobile: +919811643342

Mobile. + 717011043342

Fax / फेक्स : 91-11-45609310

Director Office: 45609201 / 45609301

COA's Office : 45609203 SPO's Office : 45609326 ई-मेल : root@nplindia.org

E-mail : root@nplindia.org

वेबसाईट/Website : www.nplindia.org