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(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

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CERTIFICATE

This is to certify that the dissertation entitled "Hexa-Peri-Hexabenzocoronene Cage with Naphthalene Pillars: A New Organic Cage Semiconductor" is an authentic record of the project work carried out by Amal T. Babu under my direct supervision and guidance in Organic Chemistry Division, National Chemical Laboratory (CSIR-NCL), Pune during the period 1st of April to 30th of September 2019; for the partial fulfilment of the requirements for the award of degree Master of Science in Chemistry at Department of Chemistry, Sacred Heart College (Autonomous), Thevara, Ernakulam, Kerala. The work presented in this dissertation has not been submitted in part or full to any other university or institute for award of any degree or diploma.

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