

**Indian Institute of Science Education and Research  
Thiruvananthapuram**

(An Autonomous Institution under MHRD, Government of India)  
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**CERTIFICATE**

This is to certify that the work contained in the project report entitled “Symmetry Breaking Charge Separation in Covalently Linked Orthogonal PDI Dimers” submitted by **Ajay S. Prabhu** (Roll No. 17PCHE1707) to Mahatma Gandhi University, Kottayam towards partial requirement of **Master of Science in Chemistry** has been carried out by him under my supervision from 29<sup>th</sup> April to 29<sup>th</sup> June 2019 and that has not been submitted elsewhere for the award of any degree.

Thiruvananthapuram

29-06-2019

A handwritten signature in black ink, appearing to read 'Mahesh', with a horizontal line underneath.

Dr. Mahesh Hariharan

Associate Professor

School of Chemistry

IISER – TVM

डॉ. महेश हरिहरन

Dr. MAHESH HARIHARAN

एसोसिएट प्रोफेसर / Associate Professor

स्कूल रसायन / School of Chemistry

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