## राष्ट्रीय अंतर्विषयी विज्ञान तथा प्रौद्योगिकी संस्थान NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY इंडस्ट्रियल इस्टेट भी. ओ. पाप्पनंकोड. तिरुवनंतपुरम. भारत - 695 019

## **CERTIFICATE**

This is to certify that Ms. Monica Antony has worked on "Design synthesis of ptert-butylcalix[4]arene appended nanodrug carrier based on inclusion complex" under my supervision at the Chemical Science and Technology Division of the CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST), Thiruvananthapuram, for the partial fulfillment of the degree of Master of Science in Applied Chemistry (Pharmaceutical), Department of Chemistry, Sacred Heart College, Thevara, Ernakuam, Kerala. The present work or any part thereof has not been submitted to any other university or institution for the award of any degree or diploma.

**July 2016** Thiruvananthapuram Kautablikuman Kait. Dr. Kaustabh Kumar Maiti **Senior Scientist CSIR-NIIST** 

> डॉ. कौस्ताभ कुमार मैती/ Dr. KAUSTABH KUMAR MAITI वरिष्ठ वैज्ञानिक / Senior Scientist रासायन विज्ञान तथा प्रौद्योगिकी प्रभाग Chemical Sciences & Technology Division सी एस आई आर - राष्ट्रीय अंतर्विषयी विज्ञान तथा प्रौद्योगिकी संस्थान CSIR-National Institute for Interdisciplinary Science & Technology (NIIST), Govt. of India तिरुवनन्तपुरम / Thiruvananthapuram-695 019, Kerala