



**RESEARCH AND POSTGRADUATE DEPARTMENT OF CHEMISTRY**  
**ST. THOMAS' COLLEGE (Autonomous)**  
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*(Nationally reaccredited at 'A' level by NAAC & affiliated to University of Calicut)*

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30.10.2015

## **CERTIFICATE**

*This is to certify that the thesis entitled “**Physicochemical, Thermoanalytical, Electrochemical and Antitumour Studies of Transition Metal Complexes of Schiff Bases Derived From Heterocyclic Carbonyl Compounds**” is an authentic record of research work carried out by **Ms. Nimmy Kuriakose** under my supervision in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Chemistry of University of Calicut and further that no part thereof has been presented before for any other degree.*

**Dr. Joby Thomas. K**  
**(Supervising Teacher)**