



Phone Off. 0484-3922423
0484-2575804
Phone Res. 0484-2576904
Fax: 0484-2577595
Email: mrp@cusat.ac.in
mrp_k@yahoo.com


**DEPARTMENT OF APPLIED CHEMISTRY
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
KOCHI - 682 022, INDIA**

**Prof. M.R. Prathapachandra Kurup
Professor**

13th September 2007

CERTIFICATE

This is to certify that the thesis entitled **“Spectral and structural studies of transition metal complexes of thiosemicarbazones containing ring incorporated at N(4)-position”** submitted by Ms. Leji Latheef, in partial fulfillment of the requirements for the degree of Doctor of Philosophy, to the Cochin University of Science and Technology, Kochi-22, is an authentic record of the original research work carried out by her under my guidance and supervision. The results embodied in this thesis, in full or in part, have not been submitted for the award of any other degree.


M. R. Prathapachandra Kurup
(Supervisor)