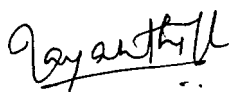


DECLARATION

I hereby declare that the thesis entitled “Autofluorescence and diffuse reflectance spectroscopy for non-invasive detection of oral cancer” is an authentic record of research work carried out by me under the supervision and guidance of Dr. N. Subhash, Scientist F, Biophotonics Laboratory & Head, Atmospheric Sciences Division, Centre for Earth Science Studies, Thiruvananthapuram, in the partial fulfillment of the requirement for the Ph. D degree under the Faculty Sciences, University of Kerala, and no part of it has previously formed the basis of the award of any degree diploma, associateship, fellowship or any other similar title or recognition.



JAYANTHI J. L.

Thiruvananthapuram

December 2010



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Head, Atmospheric Sciences Division*

December 29, 2010

CERTIFICATE

This is to certify that the thesis entitled "***Autofluorescence and diffuse reflectance spectroscopy for non-invasive detection of oral cancer***" is an authentic record of the research work carried out by **Ms. Jayanthi J L** under my direct supervision and guidance for partial fulfillment of the requirements for the Ph. D degree of University of Kerala, under the Faculty of Science and no part thereof has been presented for the award for any degree in any university.

N. Subhash

Research Supervisor