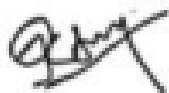


# CERTIFICATE

This is to certify that this work entitled **Studying characteristics of southwest monsoon using radiosonde data over cochin** is a bonafide record of work carried out by **SILPA P** of Department of Physics VIMALA COLLEGE (AUTONOMOUS), Thrissur for the partial fulfillment of the requirements for the award of the Degree of Master of Science in Physics of Calicut University at **Vimala college, Thrissur** under my guidance and supervision.



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