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Certificate

This is to certify that the thesis entitled '*Studies on the growth of mixed rare earth hydrogen selenite crystals and its properties*' is a bonafide report of research work carried out by **Mr. P.P Pradyumnan**, under my supervision and guidance in partial fulfilment of the requirements for the award of *Doctor of Philosophy*, under the *Faculty of Science of Mahatma Gandhi University*, Kottayam. The work presented in this thesis has not been submitted for any degree or diploma earlier. It is also certify that Mr. P.P. Pradyumnan has fulfilled the course requirements and passed the qualifying examination for the Ph.D degree of the University.

Prof. (Dr) M. A. Ittyachen

