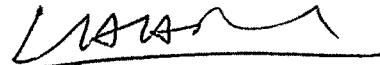


C E R T I F I C A T E
- - - - -

This is to certify that the thesis entitled
'LUMINESCENCE STUDY OF MOLECULAR SIEVES 13X (ZEOLITE)
AND ITS APPLICATION IN SOLAR COOLING DEVICES' submitted
by SAJI KURIAKOSE PHILIP N is bonafide and the work has
been done independently by him.



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