CERTIFICATE

I certify that the Dissertation entitled "em spaces of the type $H_{\mu,\lambda,\alpha}$ and that Hankel transformations" is being submitted by Mrs. SWATI PRADIP JOSHI for the award of the Degree of Master of Philosophy in Mathematics, Shivaji University, Kolhapur under the Faculty of Science, is a record of bonifide work carried out by her under my supervision and guidance. The Dissertation is well upto the standard both in respect of the contents and its literary presentation.

It is further certified that, she has worked with me for more than six months for preparing the Dissertation at Shivaji University, Kolhapur.

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