



Department of Post-Graduate Studies in Mathematics
Feroze Gandhi College, Raebareli
(Affiliated to C.S.J.M. University, Kanpur)

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(M.Sc., D.Sc.)

CERTIFICATE

This is to certify that the research work embodied in this thesis entitled “**A study of Fractional operators for the spaces of Generalized Functions**” has been carried out by Ms. Alka Singh for the degree of Doctor of Philosophy in Mathematics of the C. S. J. M. University, Kanpur under my supervision. The work presented is original and has not been submitted so far, in part or in full, for any other degree or diploma of this or any other university.

The candidate has completed the mandatory attendance requirement of 24 months. She was present in the department of mathematics of Feroze Gandhi College, Raebareli from 2010 to 2015.

The candidate has fulfilled all the mandatory requirements for submission of the thesis.

(Gopi Ahuja)