

CERTIFICATE

This is to certify that the thesis entitled “**Role of day length in regulation of seasonal reproduction in the subtropical blackheaded munia** ” submitted for the award of degree of Doctor of Philosophy in Zoology to the Chaudhary Charan Singh University, Meerut is a bonafied work carried out by **Mr. Pawan Kumar** under my supervision and guidance. The thesis has not been submitted for any degree to any other University.

This is further certified that Mr. Pawan Kumar has worked for the desired period in the Department of Zoology, Chaudhary Charan Singh University, Meerut.

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