

## CERTIFICATE

On the basis of the declaration submitted by Mr. Gopal Vashishtha (Enrollment No.: 2018-333-017) student of B.Tech (Electronics & Communication), I hereby certify that the dissertation entitled "Real Time AI Based Virtual Mouse" being submitted to the Department of Computer Science & Engineering, Jamia Hamdard University, New Delhi in partial fulfilment of the requirement for the award of the degree of the B.Tech (Electronics & Communication) is carried out by him under my supervision.

Farheen

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