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the UGC Act, 1956 vide Notification No. F.9-18/85-U.3
dated 10.5.1989 of the Government of India)*

**HAMDARD NAGAR
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Accredited by NAAC in 'A' Category

CERTIFICATE

On the basis of the declaration submitted by **Mohd Rizwan Ansari (Enrolment No: 2018-310-091)** a student of **Bachelor of Technology (Computer Science & Engineering)**, I hereby certify that the dissertation titled **"Implementation of collaborative filtering recommendation system"** being submitted to the Department of Computer Science & Engineering, Jamia Hamdard, New Delhi in partial fulfillment of the requirement for the award of the degree of **Bachelor of Technology (Computer Science & Engineering)**, is carried out by him under my supervision.

Farheen

**Dr. Farheen Siddiqui
Head, Department of CSE**

Aqeel Khalique
**Mr. Aqeel Khalique
(Supervisor)**