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the UGC Act, 1956 vide Notification No. F.9-18/83-U3
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Accredited by NAAC in 'A' Category

CERTIFICATE

On the basis of the declaration submitted by Ms. Nikita Seth (Enrolment No: 2018-333-045) a student of B. Tech (Electronics and Communication Engineering), I hereby certify that the dissertation entitled “ **Evaluating the Performance of Different Modulation Schemes in 5G Communications**” being submitted to the Department of Computer Science & Engineering, Jamia Hamdard, New Delhi is partial fulfillment of the requirement for the award of the degree of B. Tech of (Electronics and Communication Engineering) is carried out by him under my supervision.

**Dr. Naseem Rao
(Supervisor)**

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