

## THESIS CERTIFICATE

This is to certify that the work contained in this thesis entitled “**Beam Selection Algorithms for mmWave MU-MIMO Systems**” submitted by **Rahul Pal** to the Indian Institute of Technology (BHU), Varanasi has been carried out by him under my supervision and that this work has not been submitted elsewhere for a award for degree or diploma.

It is further certified that the student has fullfulled all the requirements of Comprehensive, Candidacy, and SOTA.

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