**CERTIFICATE**

This is to certify that the thesis entitled “**USING DEEP LEARNING TECHNIQUES TO PREDICT EFFECTIVE DIFUSIVITY OF POROUS MEDIA FROM IMAGES**”, has been submitted to the Indian Institute of Technology, Kharagpur, in partial fulfilment of Master of Technology in Chemical Engineering Department at the Indian Institute of Technology, Kharagpur.

It is a faithful record of the work carried out by **Mr. Saurabh Kumar Pandey** (Roll no. **17CH30055**) under my supervision and guidance. It is further certified that no part of this report has been submitted to any other University or Institute for the award of any other Degree or Diploma.

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