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CERTIFICATE

This is to certify that the thesis entitled “**Synthesis, Characterization and Application of new Adsorbents for Removal of Specific Heavy metals from their Aqueous Solutions**” submitted by **MANISHA GAUTAM, M.Sc. (NET-UGC-CSIR JRF)** is an original research work and has not been previously submitted in part or full for the award of any other degree or diploma to this or any other university or institutions.

The thesis submitted to the Babasaheb Bhimrao Ambedkar University, Lucknow, India satisfies all the requirements as stipulated in the **Doctor of Philosophy (Ph.D.)** regulations-1999 as amended in 2010 and it is fit for submission and evaluation for the award of Doctor of Philosophy of the University.

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