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CERTIFICATE

This is to certify that the work embodied in the thesis entitled “**LATTICE DYNAMICS: PROPERTIES OF CdI₂ STRUCTURE**” has been carried out by **Shree Sudhakar Gupta** under my supervision. He has fulfilled the requirements of the **Veer Bahadur Singh Purvanchal University, Jaunpur** regarding the prescribed period of investigation work for the award of Ph.D. Degree in Physics by working under me.

The work included in thesis is original, unless otherwise stated and has not been submitted for any other degree.

NOVEMBER 2013

(Dr. U. P. Singh)

Supervisor