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**Certificate**

This is to certify that the thesis entitled "**Investigations on Structural, Thermal and Optical Aspects of Nanoscaled Metal Oxides and their Binary Systems**" submitted by Ms. **Surbhi** (Regn. No. 115875007) to the Department of Physics, Faculty of Physical Sciences, Chaudhary Devi Lal University, Sirsa, for the award of the degree of **Doctor of Philosophy in Physics**, is an original record of research work carried out by her under my supervision and guidance. To the best of my knowledge, the matter embodied in this thesis has not been submitted, in part or full, to any other university/institute for the award of any other degree.

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