

Declaration

I hereby declare that the work presented in this thesis titled *High performance optical and gas sensors based on 2D/3D heterostructures* submitted to the Indian Institute of Technology Jodhpur in partial fulfilment of the requirements for the award of the degree of Doctor of Philosophy, is a bonafide record of the research work carried out under the supervision of Dr Mahesh Kumar. The contents of this thesis are full or in parts, have not been submitted to, and will not be submitted by me to, any other institute or university in India or abroad for award of any degree or diploma.



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