

Certificate

I hereby certify that the work which is being presented in this thesis entitled “*Meta-heuristic Techniques for Grid Resource Management*”, submitted in partial fulfillment of the requirements for the award of degree of *Doctor of Philosophy* in *Computer Science and Engineering Department of Thapar University, Patiala*, is an authentic record of my own work carried out under the supervision of Dr. Seema Bawa and refers to the work done by other researchers which are duly listed in the reference section.

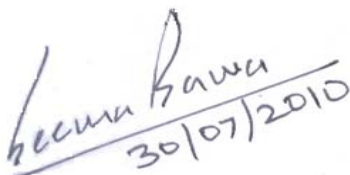
The matter presented in this thesis has not been submitted for the award of any other degree of this or any other university.



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This is to certify that the above statement made by the candidate is correct and true to the best of my knowledge.



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