

# Certificate

This is to certify that the thesis entitled, “*Analysis of Ejector Expansion Transcritical R-744 Refrigeration Cycles Using Thermodynamics and CFD Based Investigations*” and submitted by Kapil Dev CHOUDHARY ID No. 2014PHXF421P in partial fulfillment of the requirements of BITS Ph.D. Thesis embodies the work done by him under our supervision.

---

*Supervisor*

Dr. Shyam Sunder YADAV  
Assistant Professor,  
BITS-Pilani, Pilani Campus  
Date:

---

*Co-Supervisor*

Prof. Mani Sankar DASGUPTA  
Professor,  
BITS-Pilani, Pilani Campus  
Date: