

CERTIFICATE

This is to certify that the thesis entitled "CO2 Refrigeration System in Warm Climate: Experimental Investigation, Parameter Optimization and Supermarket Application" submitted by Nilesh Purohit, ID. No. 2014PHXF0010P for award of Ph.D. degree of the Institute embodies original work done by him under my supervision.

Signature (Supervisor): Man Son Son Son Signature (Supervisor): PROF. (DR.) MANI SANKAR DASGUPTA

Professor, Department of Mechanical Engineering,

BITS Pilani, Pilani campus

Signature (Co-Supervisor):

DR. DILEEP KUMAR GUPTA

Assistant Professor, Department of Mechanical Engineering,

IIITRAM, Ahmedabad, Gujarat

Date: 31/12/2018