NPTEL Video Course - Agriculture - NOC:Cooling Technology: Why and How utilized in Food Processing and Allied

Subject Co-ordinator - Prof. Tridib Kumar Goswami

Co-ordinating Institute - IIT - Kharagpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 30 - Carnot Refrigeration Cycles (Continued...)
Lecture 31 - Practical Difficulties with Carnot Cycle
Lecture 32 - Dry Compression
Lecture 33 - Problem Solving with Carnot System
Lecture 34 - Pure Substance as Refrigerant
Lecture 35 - Pure Substance as Refrigerant (Continued...)
Lecture 36 - Gas as Refrigerant
Lecture 37 - Gas as Refrigerant (Continued...)
Lecture 38 - Gas as Refrigerant (Continued...)
Lecture 39 - Basics of Refrigeration and Air Conditioning
Lecture 40 - Basics of Refrigeration and Air Conditioning (Continued...)
Lecture 41 - Selection of Condenser
Lecture 42 - Compressor
Lecture 43 - Reciprocating Compressor
Lecture 44 - Reciprocating Compressor (Continued...)
Lecture 45 - Reciprocating Compressor (Continued...)
Lecture 46 - Centrifugal Compressor
Lecture 47 - Rotary, Positive Displacement Type Compressors
Lecture 48 - Condenser
Lecture 49 - Condenser (Continued...)
Lecture 50 - Evaporator and Expansion Device
Lecture 51 - Freezing
Lecture 52 - Crystallization in Freezing
Lecture 53 - Freezing Curve
Lecture 54 - Freezers
Lecture 55 - Control Atmosphere Storage
Lecture 56 - Use of Phase Change Materials (PCM)
Lecture 57 - Cold Chain and Cold Storage
Lecture 58 - Cold Storage
Lecture 59 - Ice Cream
Lecture 60 - Ice Cream (Continued...)