

**MECHANICAL ENGINEERING DEPARTMENT
LAB MANUAL SHEETS
HEAT TRANSFER**

Dr. Osama Mohammed Elmardi Suleiman Khayal
Department of Mechanical Engineering, Faculty of Engineering and
Technology, Nile Valley University, Atbara – Sudan

List of Experiments:

1. Heat Transfer from a Pin-Fin Apparatus
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5. Heat Transfer through the Lagged Pipe
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Experiment 1

Heat Transfer from a Pin-Fin Apparatus

Aim: To calculate the value of heat transfer coefficient from the fin for natural & forced convection.

Introduction:

Extended surfaces of fins are used to increase the heat transfer rate from a surface to a fluid wherever it is not possible to increase the value of the surface heat transfer coefficient or the temperature difference between the surface and the fluid. The use of this is variety of shapes (refer fig. 1). Circumferential fins around the cylinder of a

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Victor M. Corman



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Heat Transfer Lab Manual Mechanical Book Review: Unveiling the Power of Words

In a global driven by information and connectivity, the energy of words has are more evident than ever. They have the ability to inspire, provoke, and ignite change. Such is the essence of the book **Heat Transfer Lab Manual Mechanical**, a literary masterpiece that delves deep in to the significance of words and their impact on our lives. Published by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall impact on readers.

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