

Heat and Mass Transfer Part I

Introduction

Dear Students,

Warm Greeting

This tuition is intended for Under Graduate students of Mechanical Engineering and chemical Engineering who want to specialize the subject to face competitive examinations like GATE, NET to meet their career objective. Also undergraduate students who are preparing for their university examinations also can utilize this tuition classes to get good score in their university examinations to raise their CGP.

The classes we cover in our tuition will give you in depth knowledge of the subject from basic principles to advanced topics necessary for the examinations with clear understanding through extensive worked examples, diagrams, and solutions to examination questions. The text integrates the SI system of units and provides a valuable revision of mathematical and mechanical concepts relevant to the field.

In part I of HMT ie Heat and Mass Transfer we will be covering the heat transfer through conduction across plain walls, walls of hollow cylinders and spheres under steady and unsteady condition with and with internal heat generation, Heat transfer through fins of finite and infinite lengths, extended surfaces, Unsteady heat conduction, lumped parameter analysis, semi finite and finite conductivities in solids, use of Heisler charts.

With my vast experience in teaching especially in thermodynamics and their related subjects and with my industrial experience in process industry, I could definitely increase your confidence level in attending any competitive or semester examinations.

Thanking you

With Regards

Dr. M.Kumarasamy