

Introduction

This is the other volume of ESP books compiled for the students of “Electrical Engineering” as a text-book. The first one is called “English for the Students of Electrical Engineering – Electronics”, the second one is known as “English for the Students of Electrical Engineering – Power/Electrotechnics”, and this is the third one titled “English for the Students of Electrical Engineering – Telecommunications”.

Structurally, each unit in this volume consists of six sections; i.e., A. Warm-up Activity, B. Comprehension Check, C. Vocabulary, D. Language Study, E. Writing, and F. Translation Activity. Besides, in each section, various types of exercises have been employed. Sections A, B, and C constitute the main body of each unit, and the other sections comprise the supplementary ones which reinforce sections A, B, and C.

The units of the book are arranged in a graded series; the grading is based on the syllabus design and the fundamental concepts of “Telecommunications Engineering” from the simplest subjects such as “field and waves of electromagnetics” to the most complex ones like “Communications Satellites” and “UWB Communications”. Although each unit is composed to be an independent subject, the unit is an introduction to the succeeding one, and that unit itself is a complement to the preceding one simultaneously. It’s worthwhile mentioning that the first unit under the title “Communications Systems” is a rough concept or a general view of what communications technology does at present time. It illustrates what subjects or technical procedures are involved in communications, and how they are

interconnected with each other.

The authors have attempted to take advantage of the latest Communications/Telecommunications sites as well as the most up-to-date communications text-books. Similarly, we believe that this volume will also be beneficial to graduate and postgraduate students of Telecommunications Engineering.

In the end, we don't confirm this is a book with no deficiency; indeed, we wish to improve it in the following versions regarding your constructive views by writing to SAMT.

Jamaloddin Jalalipour
Ramin Dehdasht-Heidari
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