# Computer Network Trooper - Best approach for Beginners

*Mrs. Jayashree S Patil*
*Mrs. D. Naga Swetha*

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## *– Best approach for Beginners*

Mrs. Jayashree S Patil,
AssociateProfessor, Dept. of CSE,
G. Narayanamma Institute of Technology and Science, Shaikpet, Hyderabad.

Mrs. D. Naga Swetha,
Assistant Professor, Dept. of CSE,
G. Narayanamma Institute of Technology and Science, Shaikpet, Hyderabad.

# PREFACE

The book can be used as a networks supplement or companion to other resources for a variety of other courses that overlap to some greater or lesser degree with networking. It is an alternative or nontraditional presentation of networking itself. It is when used in concert with other depicts in the world of networking textbooks, about **top-down** versus **bottom-up** sequencing. This book is not really either, although the chapters are mostly numbered in bottom-up fashion. Instead, the first chapter provides a relatively complete overview of the layers along with a few other things, allowing subsequent chapters to refer to all network layers without forward reference and more importantly, allowing the chapters to be covered in a variety of different orders. As a practical matter, Introduction to Computer Networks, the IP/routing and TCP material more or less in parallel been covered.

A distinctive feature of the book is the extensive coverage of TCP: TCP dynamics, newer versions of TCP. This has its roots in a longstanding goal to find better ways to present competition and congestion in the classroom. One thing this book makes little attempt to cover in detail is the application layer, the token example included is SNMP. While SNMP actually makes a pretty good example of a self-contained application, my recommendation to instructors who wish to cover more familiar examples is to combine this text with the appropriate application documentation.

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