

# **Computer Networks**

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# **Product Description**

This text book is designed to meet the requirements of the students of postgraduate and undergraduate engineering students of various branches. The book offers the concise coverage of the computer network like Network Structure and Architecture, different protocols, switching methods, network layer, Transport Layers, Application layers. This book comprises of various realistic pictures in each of the chapter to give the real feel of the subject to the reader for better understanding.



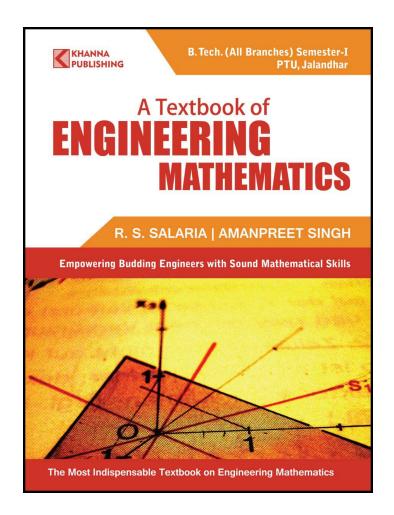
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Chapter 1: Introduction to Networks. Chapter 2: Physical Layer and Transmission Media. Chapter 3: Data Link Layer. Chapter 4: Multiple Access Control Sublayer. Chapter 5: Introduction of Network Layers. Chapter 6: Introduction of Network Layers. Chapter 7: Transport Layer. Chapter 8: Cryptography. Chapter 9: Application Layer. Chapter 10: World Wide Web (WWW). Programs Interview Questions Model Papers Question Bank Question Papers Index

### **Authors**

**Gaurav Gupta** Gaurav Gupta is currently working as Manager Client Services in an IT MNC. He has more than Nine years of corporate experience with different MNCs. He has published Research Papers in various international Journals and attended conferences at several states. His area of interest includes Server and Databases, Data Center technologies and IT infrastructure, Project Management, Marketing Automation and different enterprise software's, CRM, ERP etc. **Sarika Gupta** Sarika Gupta is currently working as Assistant Professor in the Department of Computer Science and Engineering at Dronacharya College of Engineering, Greater Noida. She has more than six years of teaching and corporate experience. She has already published Research Papers in various international Journals and conferences of repute. Her area of interest and research includes Ad hoc Network, Java, Object Oriented System and Soft Computing etc.





# A Textbook of Engineering Mathematics (PTU-I)

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### **Product Description**

The subject of Engineering Mathematics is an integral part of the course curriculum of Bachelor of Engineering/Technology (BE/B. Tech) program of all Indian Universities. The present state of teaching and learning of Mathematics is not that encouraging. A lot has to be done on both the Fronts. The book in your hand is a first step of our commitment to uplift the standard of teaching and learning of Mathematics. We assure you that in our continuous journey in this endeavor and with your whole hearted support, we hope to make significant contribution in the teaching and learning of Mathematics We hope to see that day when we hear from our student that Mathematics is a wonderful subject and you all are relishing it. This book is designed to serve as a textbook for the students of B. Tech. (All Branches) Semester-I of Punjab Technical University, Jalandhar While writing, due care is taken to present the subject matter in a simple and illustrative manner so that a reader can grasp it with quite ease and can built basic and conceptual knowledge in the subject

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**Chapter 3:** Applications of Partial Differentiation.

Chapter 4: Integral Calculus.

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Chapter 6: Multiple Integrals.

Chapter 7: Vector Calculus.

**Chapter 8:** Applications of Vector Calculus.



### **Authors**

**Prof. R.S. Salaria** is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. **Amanpreet Singh** SGTB Khalsha College, Anandpur Sahib, Formerly with Rayat-Bahra Institute of Engineering& Nano Technology, Hoshiarpur.

