

## Production of steel (Theory and Practice)

<b>Author :</b>	R. H. Tupkary
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### Product Description

Production of steel (Theory and Practice) "A good slag maker is a good steel producer" "In engineering and technology what can not be measured can not be controlled to improve the quality"

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## Table of Contents

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**Chapter 1:** Steels. **Chapter 2:** Basic Principles. **Chapter 3:** Refining Slags. **Chapter 4:** Modern Systemic Approach. **Chapter 5:** Thermodynamic And Kinetic Aspects. **Chapter 6:** Historical Perspective. **Chapter 7:** Modified Processes. **Chapter 8:** Raw Materials. **Chapter 9:** Efficiency. **Chapter 10:** SMS Lay-outs. **Chapter 11:** Electric Arc Furnace. **Chapter 12:** Induction Furnace. **Chapter 13:** Conventional Alloy Steelmaking. **Chapter 14:** Designing. **Chapter 15:** Modern Electric Arc Furnace Processes. **Chapter 16:** BOF Process- Plant and Equipments. **Chapter 17:** BOF Process- Design and Practice. **Chapter 18:** Further Developments in BOF Process. **Chapter 19:** Oxygen Bottom Blowing Processes (OBM). **Chapter 20:** Hybrid BOF Processes. **Chapter 21:** EAF with Oxygen Lancing. **Chapter 22:** Secondary Steelmaking Process. **Chapter 23:** Solidification of Steel. **Chapter 24:** Vacuum Treatment of Liquid Steels. **Chapter 25:** Continuous Casting of Steel . **Chapter 26:** Commentary on Practical Steelmaking. **Chapter 27:** Values from SMS-wastes. **Chapter 28:** Dynamic Material balancing. **Chapter 29:** Steel plant Management Practices. **REFERENCES INDEX**

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## Author

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Dr. R. H. Tupkary graduated in Metallurgical Engineering from Banaras Hindu University in 1959 with distinction . He obtained Master of Engineering Science in 1963 and Ph. D in 1966 from University of Melbourne. He worked as Lecturer and Assistant Professor in BHU and as Professor and Head in VNIT, Nagpur(India) from where he voluntarily retired 994. Thereafter he worked as Managing Director of Marathi 'Tarun Bharat ' in Nagpur.

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# COMPUTER NETWORKS


 Bhavneet Sidhu

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Computer networks have become essential part of modern computing. As a designer, developer, programmer, or user it is absolutely necessary to have a good understanding of the concepts and techniques involved in these modern networking technologies, This book treats the Network as a system composed of inter related building blocks, giving students and professionals the best possible conceptual foundation for better understanding of current networking technologies as well as the further technologies of the industries.


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**Chapter 1:** Introduction to Computer Networks. **Chapter 2:** Network Topologies. **Chapter 3:** Reference Models-OSI and TCP/IP. **Chapter 4:**Transmission Media. **Chapter 5:** Electromagnetic Signals and Modulation. **Chapter 6:** Switching Principles. **Chapter 7:** Multiplexing Techniques. **Chapter 8:** Telephone System and ISDN Services. **Chapter 9:** Data Link Layer. **Chapter 10:** Multiple Access Protocols. **Chapter 11:** Introduction to LAN and MAN Protocols. **Chapter 12:** Network Layer. **Chapter 13:** Internetworking Devices. **Chapter 14:** Transport Layer. **Chapter 15:** Session and Presentation Layer. **Chapter 16:** Application Layer. **Chapter 17:** Network Security. **Chapter 18:** Some Network Standards.

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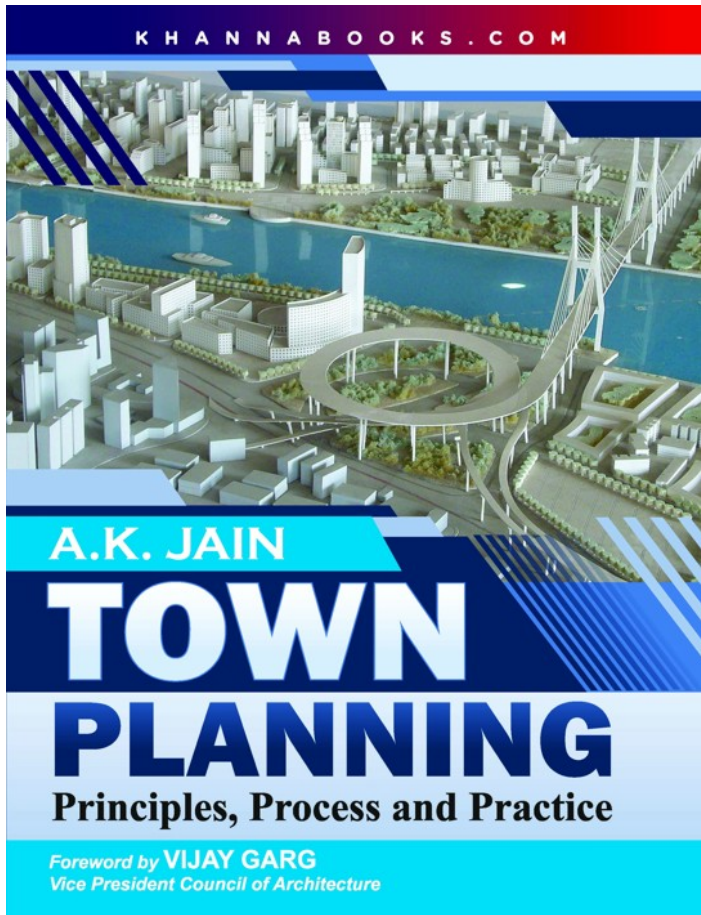
## Author

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**Bhavneet Sidhu** Mrs. Bhavneet Sidhu is presently working as a Lecturer of Computer Science Department of computer science and Technology at Guru Nanak Dev University, Amritsar (Punjab). She obtained her MCA degree from Guru Nanak Dev University, Amritsar in 2001. She has over four years of teaching experience. She has been teaching computer Networks for the last three years and during this time she developed keen interest in networking and was inspired to write a book on this field. She has written this book keeping in view the interest and the needs of the students.

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## Town Planning

<b>Author :</b>	A.K. Jain
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### Product Description

India's 7936 cities and town with 377 million urban population provide 60 per cent of the GDP and 70 per cent of the jobs. However, the lack of planning has resulted in unplanned growth with slums, poor urban infrastructure services, housing, transport and environment. To meet these challenges, it is necessary to understand the history, principles, concepts and process of town planning, As an interdisciplinary subject, town planning synthesis the social, cultural, economic, technical, legal, environmental and institutional dimensions. The book 'Town Planning-Principles, Process and Practice' provide a pathway for planned urban development, which aligns with the socio-economic, environmental and technological changes, Written in a simple language with about 380 illustrations, the book is a knowledge bank for the students of planning, architecture and engineering.



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**Chapter 1:** Introduction: Town Planning and urban Challenges. **Chapter 2:** Evolution of Town Planning. **Chapter 3:** Town Planning Surveys, mapping and Analysis. **Chapter 4:** Towards a New Planning Framework. **Chapter 5:** Planning policy and process. **Chapter 6:** Town Planning and Social Infrastructure. **Chapter 7:** Zoning Regulations Development/Building Controls. **Chapter 8:** Infrastructure Development and Management. **Chapter 9:** Urban Transport. **Chapter 10:** Housing For All. **Chapter 11:** Towards a new land Policy. **Chapter 12:** Planning a Safer and Resilient City. **Chapter 13:** Village planning. **Chapter 14:** Legal Framework for town Planning.

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## Author

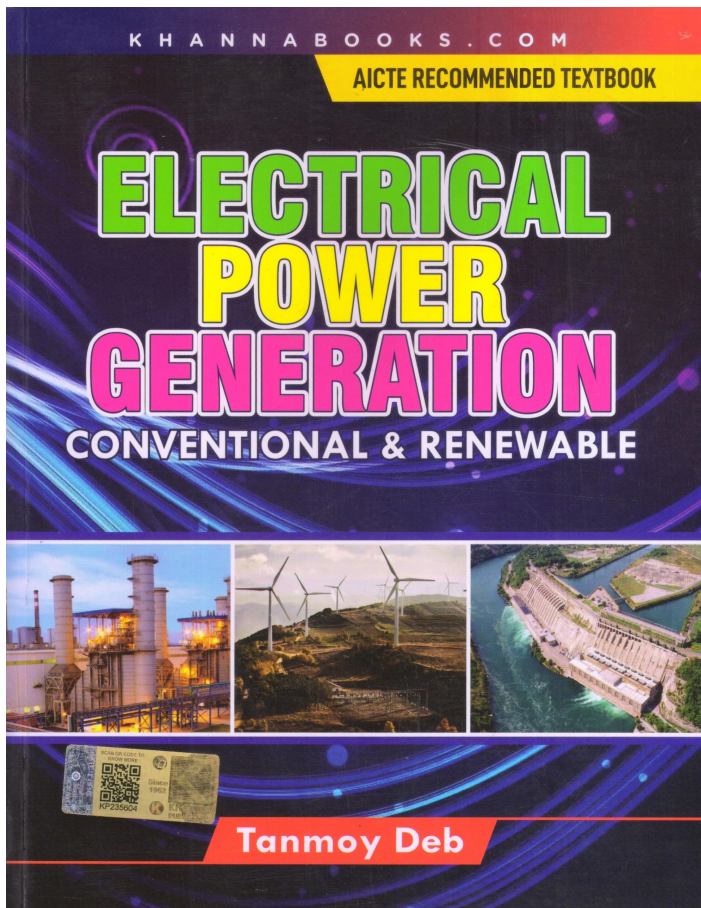
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### A.K. Jain

A.K. Jain, as Commissioner (Planning) Delhi Development Authority worked on the Master Plan for Delhi-2021, National Urban Housing and Habital Policy, National Urban Transport Policy and various urban projects. He was a member of the Committee Constituted by the Ministry of Urban Development, GOI to review the statute of the Delhi Development Authority vis-a-vis the changing urban scenario and new policy initiatives. As a member of editorial Board of International Journal of Environmental Studies (UK) and is author of several books on urban development and management. He is visiting faculty at Delhi School of Planning and Architecture and other Institutes. He was awarded 2nd Urban Professional Award 2014 at World Urban Forum in Medellin, Colombia in recognition of being an exemplary city changer. Union Minister for Urban Development honored him with IBC Lifetime Achievement Award (2016).

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## Electrical Power Generation

<b>Author :</b>	Tanmoy Deb
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## Product Description

Electrical Power Generation - Conventional and Renewable is comprehensive textbook meant for B. Tech (Electrical Engineering), B. Tech (Electrical and Electronics), M. Tech(Electrical Engineering) and M. Tech(Mechanical Engineering) students. This book is also useful for students preparing for GATE, AMIE, UPSC(Engineering Services) and IIIE Exams. The book covers complete syllabus prescribed by various universities, Institutes and NIT's etc. It contains large number of solved numerical problems, flowcharts, diagrams for easy comprehension. Various pedagogical features such as learning objectives ,chapter summary, list of formulae, multiple choice questions, numerical questions and short answer type questions are provided for practice and understanding. It covers syllabus for subjects viz. power station practice, renewable energy resources, energy technology and electrical power generation.



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## Author

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**Dr. Tanmoy Deb** had graduated in electrical engineering from NIT, Surat with distinction and gold medal. He did M.Tech (Power Systems and Drives), M.Tech (Control & Instrumentation), MBA and M.Phil (Management). He Was awarded Ph.D in Electrical Engineering by Jamia Islamia (Central University). He has authored three books and 51 research publications. He is member of 12 professional studies and honorary secretary (Delhi Chapter) of Indian Institution of Industrial Engineers (2006-08). He has 30 years of experience in teaching and industry.

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