



A.V. N. Tilak

# DESIGN OF ANALOG CIRCUITS

## Design of Analog Circuits

<b>Author :</b>	A.V.N Tilak
<b>ISBN 13 :</b>	978-93-91505-00-4
<b>ISBN 10 :</b>	93-91505-00-7
<b>E-ISBN 13 :</b>	978-93-91505-00-4
<b>Edition :</b>	First
<b>Pages :</b>	228
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	340.00
<b>Year :</b>	2026
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 498.00
<b>Categories :</b>	<a href="#">Electrical, Electronics &amp; Communication Engineering</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

The book "Design of Analog Circuits" will help the students as well as practicing engineers understand the design of a range of working circuits involving diodes, metal oxide semiconductor field-effect transistors (MOSFETs), bipolar junction transistors (BJTs), operational amplifiers, 555 timer, and voltage regulator ICs. The book is organized into four chapters and covers the design of circuits such as regulated power supplies, clippers, clampers, voltage amplifiers, feedback amplifiers, power amplifiers, oscillators, filters, circuits for arithmetic operations, and waveform generators.



**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

## Table of Contents

---

**Chapter 1:** Diode Circuits.

**Chapter 2:** MOSFET Circuits.

**Chapter 3:** BJT Circuits.

**Chapter 4:** Circuits Using Operational Amplifiers and Linear ICs.

**Chapter 5:** APPENDIX A: Diodes Datasheets.

**Chapter 6:** APPENDIX B: MOSFET Datasheet.

**Chapter 7:** APPENDIX C: BJTs Datasheets.

**Chapter 8:** APPENDIX D: Op-amps and Linear ICs Datasheets.

**Index**

**Bibliography**

---

## Author

---

**A.V.N. Tilak** obtained his B.E. from MIT Manipal, M. Tech. from IIT Kanpur and Ph.D. from IIT Madras. Dr. Tilak had worked for over 35 years in teaching and research. He is a Senior Member of IEEE, Fellow IETE, Fellow IE(I), and Life Member ISTE.

---



**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320