

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

## **DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

## **Books/ Book Chapter/ Articles Published:**

**BMS** 

- Singh, Seema, et al. "Neural network based automated system for diagnosis of cervical cancer." Chapter 80, Deep Learning and Neural Networks: Concepts, Methodologies, Tools, and Applications, IGI Global, 2020. 1422-1436.
- Raghunandan G H, "Microcontroller (ARM) and Embedded Systems", Cengage Learning, January 2020.[Prescribed as Reference book for Microcontroller and embedded system of CSE/ISE IV sem VTU 2018 CBCS Syllabus].



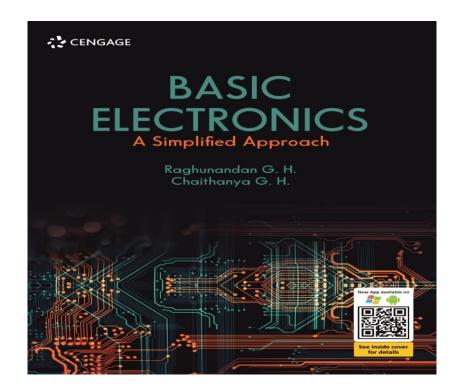
• Raghunandan.G.H, has authored Textbook on "Analog and Digital Electronics" with Charles .H. Roth, Professor, University of Texas, Austin and Larry .L. Kinney, Professor and Director, University of Minnesota, Twin Cities. It is Published by Cengage Learning, July 2019.[Prescribed by VTU as main textbook for Analog and Digital Electronics subject of CSE/ISE].

Analog and Digital Electronics is book targeted forward beginners who sayle to learn the fundamental concepts of naise and digital electronics, concepts are upplied in a simple and load manner. Same of the med time application of the concepts are	
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About the Authors	g ar
arles H. Roth, Jr., is Professor Emeritus in Electrical and Computer Engineering at the University of Toxas at Austin, ere he taught Digital Design for more than 4 decades. He is the author of Andamentalus of Logic Design, which is in its the dations, and Digitary Startem Sergiounday (MD), which has its second additors.	d Di
ry L. Kaney is Professor and Director of Undergraduate Studies at the University of Minnesota, Twin Chies. He exhed hi Ph.D. In Electrical Engineering from the University of low in 1568. His research concerns Digital System and ptal Computer Design, specifically Concurrent Error Detection Techniques, Testing of Logic and Definition, Distributed moder Systems, Computer Architectures, Error Detecting/Corners (Code, and Applications of Microprocessors.	gital E
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• Raghunandan.G.H, has authored Textbook on "Fundamentals of Logic Design" with Charles .H. Roth, Professor, University of Texas, Austin and Larry .L. Kinney, Professor and Director, University of Minnesota, Twin Cities. Published by Cengage Learning, August 2019.[Prescribed by VTU as main textbook for Analog and Digital Electronics subject of ECE/ETE.]

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CENGAGE For product information, visit www.cengage.co.in		H. Roth, Jr   Larry L. Kinney Raghunandan G.H.

- An article titled "Education system: International vs Indian universities " by Dr. Seema Singh has been published in a magazine on Higher Education Review in its April, 2019 issue.
- Raghunandan.G.H, has authored Textbook on "Basic Electronics". Published by Cengage Learning, August 2018. This Book covers the entire syllabus of VTU 2018 CBCS syllabus of "Basic Electronics" Subject which is common to all branches.



• Two books namely "Basic Electronics" and "Linear Integrated Circuits" by Mr.Raghunandan.G.H, Mr.Raju Hajare are published by Cengage learning in February 2018.

Concepts and Applications This book on Linear Integrated Circuits is designed for undergraduate students of Dectronics and Communication	unan dan
Engineering: Telecommunication Engineering: Electrical and Electronics Engineering: The fundamental concepts of Linear Integrated Circuits are explained clearly with discussion on variety of real time applications. This book is packed with enormous examination oriented numerical problems. Diffucit concepts are explained in simple and packed with enormous examination oriented numerical problems.	
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Bigk Hagier received 8.E degree in Electronics and Communication Engineering (Rm) National Institute of Engineering (RM), Moyore University, Moyore Indukers (Marcin In the Refs of New Electronics from Violenzing Technological University Atter the graduation, the havewhead a violacitien and Quality Munaget at My Digital Systems in and contrempts the survival gas Associated hereigneering (RM). The Internet in the Refs of Network (RM) is a second to the survival and the second and gas here the Refs of Network (RM) is a second to the survival and the survival and the second and gas where the Refs of Network (RM) is a second to the survival and the survival and the second and gas here the Refs of Network (RM) is a second second to the survival and second and gas and evolveed international Journal and greenwork gas and efforter alternational Conferences. He has been meether of the Adapt committee for evoluting projects accessed at Southern the discuscing dar 2012 and 2012 18. He areas of Internet also includes eminications for Network electronics. Moreo National Adaptements and the location and and gas evolves of Network electronics. Moreo National Adaptements of Internet also includes eminications devices, Nover electronics, Micro/Nation circuits and systems, and Nano Bactor Michaelina Systems (National).	LINEAR INTEGRATED CIRCUIT Concepts and Applications Raju Hajare   Raghunandan. G. H
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