

# Electronic Devices & Circuits

## Lab Manual

And Subtitle

*K.S.*

Dr. KOPPARTHI SURESH  
PRINCIPAL  
BHIMAVARAM INSTITUTE OF  
ENGINEERING & TECHNOLOGY

Dr. Kedri Janardhana  
Mr. A B S R Manohar  
Dr. P. Shyamala Bharathi

# ELECTRONIC DEVICES AND CIRCUITS

## LAB MANUAL

(For BE/B.TECH)

Work Book

**Dr. Kedri Janardhana, Ph.D.**

Assistant Professor (senior grade)  
Department of Electrical Engineering  
Dayalbagh Educational Institute (Deemed University)  
Agra - 282005.

**Mr. A B S R MANOHAR**

Associate Professor  
Department of Electronics and Communication Engineering  
Bhimavaram Institute of Engineering and Technology  
Pennada, Bhimavaram 534243

**Dr. P. Shyamala Bharathi**

Associate Professor  
Department of Electronics and Communication Engineering  
Saveetha School of Engineering  
Chennai 602107.

  
Dr. KOPPARTHI SURESH  
PRINCIPAL  
BHIMAVARAM INSTITUTE OF  
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**Dr. Kedri Janardhana** working as an Assistant Professor (senior grade) in the Department of Electrical Engineering at Dayalbagh Educational Institute (Deemed University), has about 14 years of teaching experience. He received his B.Tech degree in Electrical and Electronics Engineering from J.N.T.U College of Engineering, Anantapur and M.Tech degree in Power Electronics and Drives from National Institute of Technology, Kurukshetra and received his Ph.D. in Electrical Engineering from Dayalbagh Educational Institute, Agra. He has published 7 research papers in refereed international journals and 6 research papers in the proceedings of various international conferences. He has published 1 text book and 4 lab manuals. He has filed 2 international patents and 14 national patents. His areas of research include Power Electronics, Electric Vehicles, Solar Photovoltaic Power Systems and Microgrid. He is a life member of IET and SSEM. He is an active member of IEEE.

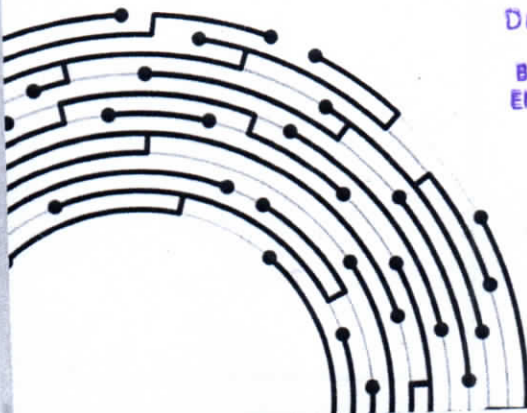


**A B S R Manohar** working as an Associate Professor in the Department of Electronic and Communication Engineering Bhimavaram Institute of Engineering and Technology, has 14 years of teaching experience. He is Pursuing Ph.D from Sathyabama University, Chennai. He received his M.Tech degree in VLSI Design with 1st class from Sathyabama University, Chennai. He Completed several NPTEL courses. He has received the NPTEL STAR Award. He conducted many workshops & FDPs as a coordinator. He has published several research papers in international journals and conferences. His area of research is VLSI Design. He is a Life member of IET and ISTE.



**Dr. P.Shyamala Bharathi** working as an Associate Professor in the Department of Electronic and Communication Engineering, Saveetha School of Engineering Chennai, has about 12 years of teaching experience and 11 years of industrial experience. She received her B.Tech degree in Information Technology and M.E. degree in Embedded Systems with distinction (university holder) from Anna University, Chennai. She received her doctorate degree (PhD) from Anna University, Chennai in the area of Cognitive Radio Network. She has published 28 research papers in international journals and 12 research papers in the proceedings of various international conferences. She has received several best paper awards and best teaching award. Her areas of research include Analog circuits, electronics, wireless communications, networking, cognitive and computing.

**Dr. KOPPARTHI SURESH**  
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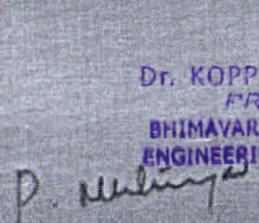
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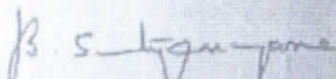
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