



ENGINEERING PHYSICS CONCEPTS

Dr. Somarouthu V G V A Prasad

Dr. Shruthi D L

Dr. Komali Challa

Dr. P. Maheswari

About the Authors



Dr. Somarouthu V G V A Prasad is a Professor of Physics, Pithapur Rajah's Government College (Autonomous), Kakinada, has 26 years of vast experience in various prestigious institutions. Published papers in National and International journals participated in conferences and having 5 patents. Acted as question paper setter, observer, subject expert and University of BoS. Reviewer for research journals, Editorial Board member for research journals and evaluator for Children's science projects in district and State level



Dr. Shruthi D L is an experienced Assistant Professor in the Department of Physics at Sai Vidya Institute of Technology, College of Engineering in Bangalore. She has about 5 years of teaching experience and 5 years of research experience. She has awarded first Rank with Seven Gold Medal in MSc Physics. The Doctor of Philosophy is awarded by Visvewaraya Technological University. She has published 12 research papers in peer reviewed International journals and 10 research papers are presented proceedings in various International conferences. She has received several best paper awards for his research papers at various international conferences. Her areas of interests are in the invention of new Luminescence Materials, Nanophosphors and Nanomaterials. A passionate academic mentor.



Dr. Komali Challa has 12 years of experience in teaching, research, and administration. She received her Ph.D. (Physics) from Andhra University, Visakhapatnam. Currently, she is working as an Assistant Professor, Physics, Dept. of Basic Sciences in ANITS College of Engineering (A), Visakhapatnam, AP. She qualified TS-AP SET in 2015. She has published many research papers in refereed journals and received TEQIP Fellowship during the period of research by MHRD. Her area of interests in Material Science – Ferrites and Nano Materials batteries.



Dr. P. Maheswari working as an Associate Professor in the Department of Physics, Sri Sairam Engineering College, has about 18 years of teaching experience. She received her B.Sc. degree in Physics from University of Madras (SDNB Vaishnav College) with distinction and received her M.Sc. degree from University of Madras (MCC) in Physics with distinction (First Rank Holder). She received GOLD MEDAL for her B.Sc. degree from University of Madras for her Outstanding Performance in her Academics. She received Ph.D. degree from SRM Institute of Science and Technology, Chennai. She has published 19 research papers in refereed International and National journals and also presented more than 20 research papers in the various National and International conferences. She has received several best paper awards, Dr. Abdul Kalam Award and Young Scientist Award for her research papers at various International conferences. Her areas of research include Physics, Nanotechnology and Environmental Science. She is an active and Senior member in IEEE.



Infinite Research

Registered under MSME
Government of India

<https://www.infinite-research.org>

info@infiniteresearch.org

infiniteresearchorg@gmail.com

+91 7995871450, +91 8919552865

ISBN 978-81-967685-9-1



9 788196 768591