

## **ABOUT THE AUTHOR**

A doyen among power engineers specialising in survey and construction of UHT transmission lines, Kekalathur Krishnaiah was born as the youngest and the eighth child into an agrarian family of Sankampalle in Pakala mandal of Chittoor district on May 2, 1938.

Life was anything but rosy for Krishnaiah even as a boy. Driven by economic compulsions of the family, he began the arduous journey of life soon after matriculation. In his quest for placement, he found that government job was not his cup of tea and opted for private sector.

He joined a Hyderabad-based firm engaged in engineering construction. Soon, he acquired commendable skills while working in civil, electrical and mechanical sections. He rose to become an engineer through hard work and relentless pursuit of excellence. He successfully handled several projects in India and abroad during his illustrious professional career spanning over half a century. He had travelled extensively in Europe, Singapore, Malaysia, Dubai, Srilanka and Nepal as a professional and also as a tourist. He is much in demand as a leading consultant.

He decided to document his long experience and knowledge in a book to serve as a valuable guide to aspiring engineers. He had authored 7 books in Telugu on subjects as diverse as sports, spirituality, religion, ecology and travelogue.

## **EXPERTS OPENION ON THE BOOK**

**1. Shri K. Balarama Reddy, Former Chairman of APSEB, Senior consultant ASCI.** I have gone through the book. The Author has varied experience in the field survey, transmission line construction and supervision of transmission lines construction in India and Abroad over years. This book based on his rich experience in transmission construction etc. This book provides very good guidanc for the technical personal working in transmission field which is one of the three segments in power sector.

**2. Sri Kalala Ranganandham, B.E., F.I.E., Former CMD, APSPCL, Tirupathi and Warangal. Former JMD, APTRANSCO, Hyderabad.** “This book covers a diverse range of topics of survey and transmission line construction. It also deals with the entire ganut of t&P equipment. Photographs showing details of various equipments enhance the value and faciliate better comprehension. the author breathed his knowledge and experience of over 50 years into the book”.

**3. Sri M. Veera Raju, B.E., (Elec.), AGM (Retd.), PGCL and EHT lines Consultant, Hyderabad.**

“The book author deals with all facets of the transmission line activities and advanced techniques being adopted in the execution. each chapter deals exhaustively in detail minutely which is definitely useful for the practising transmission line construction executives. the surves as reference book and guide.

**4. Dr. V. Malakonda Reddy, B.E., M.Sc., (Stru.) Ph.D. F.I.E., M.I.H.S., Founder Principal & Secretary, CBIT, Hyderabad.**

” I am very much delighted to read the book which may be called

“Encyclopaedia” on guide to survey & V.H.T. transmission line construction in the country. It is a great remarkable achievement. He is a multi faceted personality and also written a number of books in telugu on his experience in other countries, Biodiversity, Indian Yoga, Spirituality etc., “This book deserves to be kept in the libraries of all engineering departments as a guide to young engineers to gain proficiency in their chosen field.

**5. Sr. B. Umakar Rao, M.Tech., F.I.E., Director (Projects) Transmission Corporation of A.P., Hyderabad.**

I have been closely associated with power transmission sector for 34 years by virtue of being employed in APTRANSCO. I must confess that I am awed of Sri. K. Krishnaiah’s achievements and presurance in the face of severe adversities. This book is the culmination of the author’s tireless and unerring commitment towards his craft and noble endeavor to share his knowledge and wisdom acquired out of his vast experience. I strongly recommended that this book must be made part of the induction training curriculum of all transmission utilities and copies to all the engineers in the field of transmission line construction.

**6. Sri S. Viswanadham, Director, APSPDCL, Tirupati.**

As I am in the transmission field for last so many decades after reviewing this book. It is quite useful to the practising engineers as well as beginners who are starting their career in transmission line to next higher level. In this book author dealt right from history and empirical concepts of transmission lines and losses and losses of transmission systems, mainly dealt with survey and transmission line construction with details showing pictures of latest equipments.